

# QUARTERLY MONITORING PROGRESS REPORT -2<sup>ND</sup> QUARTER 2007

MICHIGAN PLAZA  
3801-3823 West Michigan Street  
Indianapolis, IN 46222  
IDEM Incident # 0000198  
IDEM VRP # 6061202  
MUNDELL Project No. M01046  
August 15, 2007

|  |   |
|--|---|
| IDEM Office of Land Quality - Fileroom Stamp |   |
| VRP Project Name:                            | Michigan Plaza  |
| VRP#:  | 6061202   |
| Site Code:                                   | 400   |
| Description:                                 | Quarterly report  |
| Confidential?                                | <input checked="" type="checkbox"/> No                              |
| Deliberative?                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

## RECEIVED

Aug 17 2007

DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT  
OFFICE OF LAND QUALITY

**MUNDELL & ASSOCIATES, INC.**  
*Consulting Professionals for the Earth and the Environment*

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# MUNDELL & ASSOCIATES, INC.

429 East Vermont Street, Suite 200, Indianapolis, Indiana 46202-3688  
Phone: 317-630-9060, Fax: 317-630-9065, email: info@MundellAssociates.com

August 15, 2007

Ms. Erin Brittain  
Project Manager  
Voluntary Remediation Program  
Office of Land Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204

Re: **Quarterly Monitoring Progress Report – 2<sup>nd</sup> Quarter 2007**  
**Michigan Plaza**  
3801-3823 West Michigan Street  
Indianapolis, Indiana 46222  
IDEM Incident # 0000198  
IDEM VRP # 6061202  
MUNDELL Project No. M01046

Dear Ms. Brittain:

This *Quarterly Monitoring Progress Report* is being submitted to the Indiana Department of Environmental Management (IDEM) by MUNDELL & ASSOCIATES, INC. (MUNDELL), on behalf of AIMCO, to summarize further site characterization and remediation activities performed from April 1 through June 30, 2007.

## IDEM Meeting - May 25<sup>th</sup>, 2007

- Stephen Evanoff, John Mundell, and Leena Lothe met with Ms. Erin Brittain and Ms. Sarah Johanson with IDEM on May 25<sup>th</sup>, 2007.
- The proposed additional monitoring wells to be installed were reviewed, the monitoring wells proposed for quarterly monitoring were agreed upon, off-site access questions addressed, and the proposed *Remediation Work Plan* outline was discussed during this meeting.
- In general, IDEM was in agreement with the proposed investigation and remediation approach. Based on the investigation completed to date, and the proposed additional wells, IDEM did not believe there are any additional requirements at this time.
- IDEM agreed with the proposed in-situ bioremediation approach, and understood the limitations of the site for any kind of aboveground operating system.

## Groundwater Monitoring Well Installation

As documented in an IDEM letter dated May 4<sup>th</sup>, 2007, additional on-Site and off-Site vertical delineation activities were recommended by IDEM. Deeper wells (35 to 50 feet deep) were



recommended near monitoring wells MMW-8S, MMW-P-07 and MMW-P-08 and down-gradient of MMW-P-03D.

Four (4) permanent monitoring wells (MMW-11S, MMW-P-10S, MMW-P-10D, and MMW-P-09D) were installed from May 31<sup>st</sup> through June 1<sup>st</sup>, 2007 by Midway Services with a hollow-stem auger mounted on a Boart Longyear BK 51 drill rig. The monitoring wells were installed to further delineate and monitor the extent of impacts from chemical source *Areas A, B and C*. The overall site plan is illustrated in **Figure 1**.

All of the permanent monitoring wells were constructed of 2-inch diameter, flush joint, threaded Schedule 40 PVC materials. The monitoring wells were constructed using 10-foot long, 0.010-inch machine-slotted 'U-Pack' PVC screens to ensure consistent well screen sand pack considering the subsurface conditions (*i.e.*, heaving sand and gravel). These U-Pack screens consist of an outer PVC well screen and a centralized inner PVC well screen. The annular space between the outer and inner PVC screen was pre-filled on Site with No. 5 sand prior to installation. These pre-filled screens were set at or within 2 feet above the groundwater surface. As the augers were extracted, the annular space between the borehole and the well was also backfilled with No. 5 quartz sand from the bottom of the borehole to a height approximately 2 to 3 feet above the top of the screen. Bentonite chips were poured into the annular space above the sand filter pack to about 2 to 3 feet bgs. The No. 5 sand was placed above the bentonite to 1 ft bgs. The monitoring wells were finished with a flush-mounted, bolt-down steel manhole cover set in place with a concrete pad to provide protection and stability to the wells. Each monitoring well was fitted with a watertight well cap to prevent the infiltration of surface water. Well construction diagrams for the monitoring wells are provided in **Appendix C**.

#### **Soil Sampling During Monitoring Well Installation**

Soil samples were collected from within a disposable vinyl tube located inside the tube soil sampler. Soil samples were collected continuously to the base at the MMW-P-10S location and field screened by a MUNDELL staff scientist. Soils were classified into intervals using the Munsell Soil Color Chart and the Unified Soil Classification System (USCS) by examining color, grain size, silt and clay content and plasticity. Each sample was divided into 1.0-foot intervals and placed into plastic bags and sealed. Field screening of the soil samples included observations of moisture content, odor, staining and the detection of total volatile organic vapors (TOVs) using a photo-ionization detector (PID) calibrated to 100 parts per million (ppm) isobutylene. Soil boring logs are provided in **Appendix B**.

One (1) soil sample above the water table was collected at the MMW-P-10S location for analytical testing. The samples were placed in soil jars and shipped on ice to Pace Analytical Services, Inc. (Pace) in Indianapolis, Indiana using the appropriate chain-of-custody protocol for laboratory tests. The samples were tested for volatile organic chemicals (VOCs) via U.S. EPA



SW-846 Method 8260. The soil analytical results are reported in **Table 3**. Pace laboratory certificates of analysis for the groundwater samples analyzed are presented in **Appendix A**.

All soil cuttings generated during the drilling of the permanent monitoring wells and groundwater pumped out of the wells during well development was placed in 55-gallon drums located at the Site for later disposal. In accordance with IDEM guidelines, the contents in each drum were then identified with a label describing them as non-hazardous materials.

The monitoring wells were developed on June 1<sup>st</sup>, 2007 by Midway. A Geosquirt double barrel purge pump was used to pump out water until it ran clear. The well development water was stored in the 55-gallon drums on site, to be disposed of later along with the soil cuttings.

### **Groundwater Monitoring Network Sampling**

On June 14<sup>th</sup>, 2007, MUNDELL personnel removed the watertight well cap from twenty (20) of the monitoring wells from the network and allowed the water level in each well to equilibrate with atmospheric pressure. Based on approval by IDEM during the May 25, 2007 meeting, the following twenty (20) wells are included in the quarterly sampling events:

- 1) *Four (4) new MUNDELL monitoring wells: MMW-11S, MMW-P-10S, MMW-P-10D, and MMW-P-09D.*
- 2) *Fourteen (14) existing MUNDELL monitoring wells: MMW-1S, MMW-8S, MMW-9S, MMW-10S, MMW-P-01, MMW-P-02, MMW-P-03S, MMW-P-03D, MMW-P-04, MMW-P-05, MMW-P-06, MMW-P-07, MMW-P-08, and MMW-P-09.*
- 3) *Two (2) Keramida monitoring wells: MW-168S and MW-168D*

It should be noted that the complete monitoring well network (including other wells on the Michigan Meadows Apartments property and other selected Keramida wells) will be sampled annually, as discussed with IDEM.

The wells were sampled using a purging technique by first removing three (3) times the volume of static water calculated in each well. Groundwater was purged and collected using a 3.0 ft long, 1.6 in outer diameter, pre-cleaned, disposable single-check valve polyethylene bailer. All excess purge water was transported to 55-gallon drums located at the Site for proper disposal.

Groundwater samples were then transferred from the bailer into three 40-milliliter glass sample vials containing the preservative hydrochloric acid (HCl). Groundwater sample vials were sealed in plastic bags and placed in a cooler containing ice. All water samples were delivered to Pace Analytical Services, Inc. (Pace) in Indianapolis, Indiana using appropriate chain-of-custody protocol for laboratory tests. All water samples collected as a part of the present study were



analyzed for VOCs via U.S. EPA SW-846 Method 8260. Pace laboratory certificates of analysis for the groundwater samples analyzed are presented in **Appendix A**.

During this investigation, no wells were found with separate-phase liquids within the water column. All monitoring well sampling, survey and construction data are provided in **Tables 1, 2 and 2a**, respectively.

### **Soil and Groundwater Analytical Results**

Soil analytical testing results are summarized in **Tables 3** and presented on **Figure 4**. The soil analytical results for PCE (80.9 ug/kg) at the MMW-P-10S location were above the IDEM RISC default Residential cleanup level, but below the IDEM RISC default Industrial cleanup level. Concentrations of TCE, cis-1,2-Dichloroethylene (cis-1,2-DCE) and vinyl chloride (VC) were below method detection limits.

Groundwater analytical testing results are summarized in **Table 4** and presented on **Figure 2**. Seven (7) out of the twenty (20) monitoring wells sampled this quarter (MMW-9S, MMW-10S, MMW-P-01, MMW-P-03S, MMW-P-04, MMW-P-07 and MMW-P-08) showed PCE concentrations exceeding the IDEM RISC Default Industrial Closure Level (IDEM RISC Default ICL). Four (4) monitoring wells (MMW-8S, MMW-P-02, MMW-P-03D and MMW-P-10S) demonstrated PCE concentrations exceeding the IDEM RISC Default Residential Closure Level (IDEM RISC Default RCL) but below the ICL. The revised PCE groundwater plume map (June 2007) is presented as **Figure 5**.

Five (5) monitoring wells (MMW-9S, MMW-P-01, MMW-P-07, MMW-P-08, and MMW-P-10S) showed TCE concentrations exceeding the IDEM RISC Default ICL, with one (1) well (MMW-P-10D) exceeding the IDEM RISC Default RCL, but below the ICL.

Nine (9) monitoring wells (MMW-8S, MMW-11S, MMW-P-01, MMW-P-03S, MMW-P-03D MMW-P-06, MMW-P-07, MMW-P-08, MMW-P-10D) exhibited cis-1,2-DCE concentrations exceeding the RCL, but below the ICL.

Eleven (11) monitoring wells (MMW-8S, MMW-11S, MMW-P-01, MMW-P-02, MMW-P-03S, MMW-P-03D, MMW-P-06, MMW-P-09D, MMW-P-10D, MW-168S, MW-168D) showed vinyl chloride concentrations exceeding the ICL.

### **Surveying Groundwater Monitoring Wells**

The monitoring wells installed in May 2007 were surveyed by MUNDELL personnel on June 22, 2007. A top of casing elevation of 715.79 ft for well MMW-P-01 and a top of casing elevation of 715.36 ft for well MMW-P-09S (located in the right-of-way of Cossell and Olin Avenue) were used as reference points for surveying the newly installed MUNDELL monitoring wells. Depth measurements to the static water level were recorded via an electronic oil/water interface probe on June 14, 2007 prior to the sampling of the monitoring wells. All groundwater



sampling data is exhibited in **Table 1**. The potentiometric surface map for the June 2007 sampling event is presented in **Figure 3**. As shown, the groundwater flow direction across Michigan Plaza is shown to be southeast consistent with previous measurements in the area.

#### **In-situ Bioremediation Feasibility Study and Remedial Design**

MUNDELL reviewed its *Remediation Work Plan* outline with IDEM at the meeting on May 25, 2007, and discussed the bioremediation remedial alternative approach selected. MUNDELL proposes to inject **CAP18 ME™**, an enhanced, food-grade vegetable oil product, below the groundwater table to accomplish the Site remediation objectives. Source area computations have been performed for the three delineated plume areas to estimate the stoichiometric CAP18 ME™ demand for the Site. The computations were based on the plumes resulting from the June 2007 chlorinated organic concentrations and site-specific background geochemical parameters.

The product will be injected using a direct push geoprobe system in August 2007. Locations and spacing of the injection points were designed to address sewer line related *Chemical Source Areas* and provide injection locations in each *Chemical Source Area* that upon migration downgradient in the direction of groundwater flow, are expected to remediate the most significant groundwater impacts. MUNDELL estimates approximately 150 to 170 injection points will introduce the required mass amount of CAP18 ME™ at the Site (**Figure 6**).

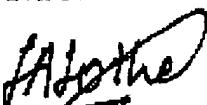
#### **Indoor Air Mitigation Systems**

Four sub-floor slab depressurization units were installed by *Air Quality Control (AQC)* under the oversight of MUNDELL in September 2006. A unit/blower was installed in the following spaces at Michigan Plaza: 1) the Village Pantry (B-1), 2) the former Handicap Space (B-2), 3) the Mexican Store (B-3), and 4) the Laundromat (B-4). The system locations are illustrated in **Figure 7**. Since the time of installation, air samples have been collected bi-weekly, followed by monthly and then on a quarterly basis. The historical analytical results are summarized in **Table 7**.

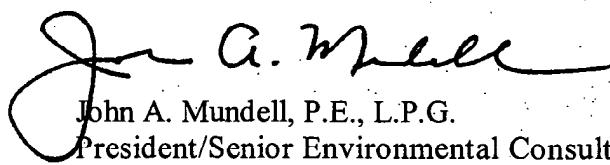
We appreciate the opportunity to update IDEM on the progress of remedial activities and monitoring at the Site. If you have any questions, please don't hesitate to contact us at (317) 630-9060 or via email ([jmundell@MundellAssociates.com](mailto:jmundell@MundellAssociates.com); [llothe@MundellAssociates.com](mailto:llothe@MundellAssociates.com)).

Sincerely,

**MUNDELL & ASSOCIATES, INC.**



Leena A. Lothe  
Staff Environmental Engineer



John A. Mundell, P.E., L.P.G.  
President/Senior Environmental Consultant



/lal

*Attachments:*    *Tables*

*Figures*

*Appendix A, Lab Analytical Results*

*Appendix B, Soil Boring Logs*

*Appendix C, Monitoring Well Construction Diagrams*

cc:    Mr. Stephen Evanoff, AIMCO



## **FIGURES**



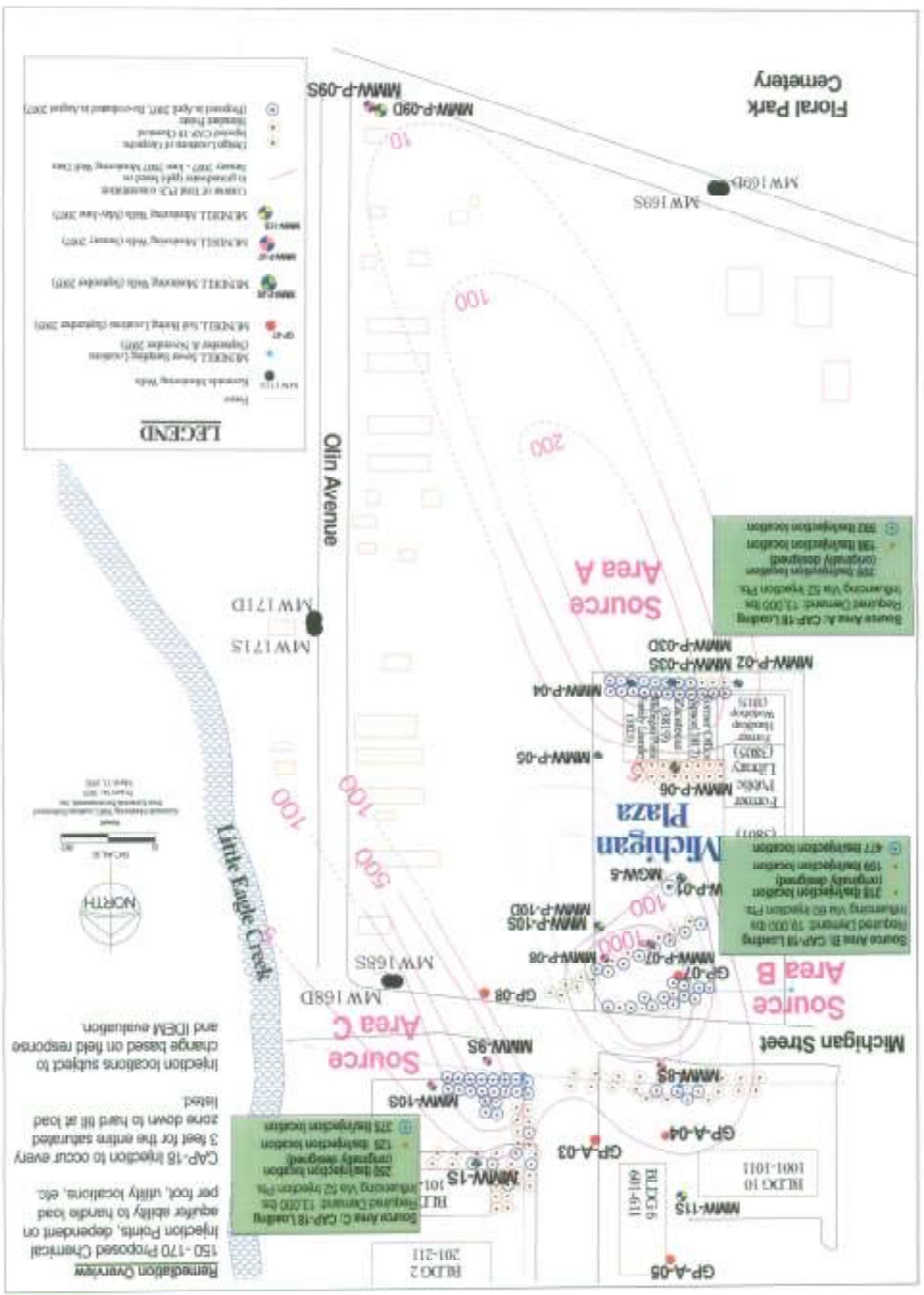










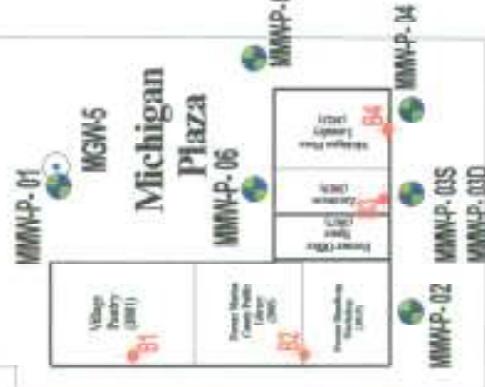


## Michigan Meadows Apartments



Scalable

Residential Area



150

**MUNDELL** Air Mitigation System Locations (September 2016)  
**MUNDELL** Methane Well Locations (September 2016)

<http://NIST.Behavioral.Cent.WRI>

MICHIGAN STREET

## Little Eagle Creek

Residential Area

Floral Park Cemetery Property

**MUNDELL & ASSOCIATES, INC.**  
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 Facsimile: (317) 243-8801

**AIR MITIGATION SYSTEM LOCATIONS**  
**MICHIGAN PILAZA**

| REV | DATE | DESCRIPTION   | BY APPROVING OFFICER                       | WASH. REG. NO.          | PERMIT NO.                     |
|-----|------|---|--|-------------------------|--------------------------------|
|     |      | THE EXISTING AIR MITIGATION SYSTEM LOCATED IN AND PROVIDED<br>BEHIND THE PROPERTY OF THE MICHIGAN<br>PLAZA, 3801-3823 WEST MICHIGAN STREET,<br>INDIANAPOLIS, INDIANA. | MONROE, JR.<br>CHECKED BY:<br>APPROVED BY: | TP<br>DATE:<br>MM/DD/YY | 19-2005<br>05-05-05<br>19-2005 |

**FIGURE**  
**7**

Indicates location of air mitigation system.

FIGURE

1

## **TABLES**



**Table 1**  
**Tabulated Water Level Measurements**  
**Quarter 2 (April 1st - June 30th, 2007)**  
**Groundwater Level Date: June 14, 2007**  
**Michigan Plaza**  
**3801-3823 West Michigan Street**  
**Indianapolis, Indiana**  
**MUNDELL Project No. M01046**

| Monitoring Well  | Date of Water Level | Top of Casing Elevation (feet MSL) | Total Depth (feet) | Depth To Water (feet) | Groundwater Elevation (feet MSL) |
|--|---------------------|------------------------------------|--------------------|-----------------------|----------------------------------|
| <b>On-Site Monitoring Wells</b>                                |                     |                                    |                    |                       |                                  |
| MMW-P-01   | 6/14/2007           | 715.79                             | 28                 | 18.95                 | 696.84                           |
| MMW-P-02   | 6/14/2007           | 716.70                             | 30                 | 19.96                 | 696.74                           |
| MMW-P-03S  | 6/14/2007           | 716.55                             | 28                 | 19.79                 | 696.76                           |
| MMW-P-03D  | 6/14/2007           | 716.45                             | 35                 | 19.70                 | 696.75                           |
| MMW-P-04   | 6/14/2007           | 716.27                             | 28                 | 19.51                 | 696.76                           |
| MMW-P-05   | 6/14/2007           | 716.12                             | 28                 | 19.31                 | 696.81                           |
| MMW-P-06   | 6/14/2007           | 716.50                             | 28                 | 19.70                 | 696.80                           |
| MMW-P-07   | 6/14/2007           | 715.30                             | 28                 | 18.20                 | 697.10                           |
| MMW-P-08   | 6/14/2007           | 715.22                             | 28                 | 18.09                 | 697.13                           |
| MMW-P-10S  | 6/15/2007           | 714.59                             | 28                 | 17.70                 | 696.89                           |
| MMW-P-10D  | 6/16/2007           | 714.98                             | 38                 | 18.09                 | 696.89                           |
| <b>Off-Site Monitoring Well (Cemetery ROW)</b>                 |                     |                                    |                    |                       |                                  |
| MMW-P-09S  | 6/14/2007           | 715.36                             | 28                 | 19.59                 | 695.77                           |
| MMW-P-09D  | 6/14/2007           | 715.21                             | 45                 | 19.40                 | 695.81                           |
| <b>Off-Site Monitoring Wells (Keramida)</b>                    |                     |                                    |                    |                       |                                  |
| MW-168S  | 6/14/2007           | 714.79                             | 22                 | 17.97                 | 696.82                           |
| MW-168D  | 6/14/2007           | 714.71                             | 31                 | 17.87                 | 696.84                           |
| <b>Off-Site Monitoring Wells (Michigan Meadows Apartments)</b> |                     |                                    |                    |                       |                                  |
| MMW-1S   | 6/14/2007           | 713.66                             | 20                 | 15.97                 | 697.69                           |
| MMW-8S   | 6/14/2007           | 714.75                             | 24                 | 16.94                 | 697.81                           |
| MMW-9S   | 6/14/2007           | 714.09                             | 25                 | 17.01                 | 697.08                           |
| MMW-10S  | 6/14/2007           | 713.23                             | 25                 | 15.87                 | 697.36                           |
| MMW-11S  | 6/14/2007           | 713.69                             | 33                 | 15.98                 | 697.71                           |



**Table 2**  
**Monitoring Well Construction Summary**  
**Michigan Plaza**  
**3801-3823 West Michigan Street**  
**Indianapolis, Indiana**  
**MUNDELL Project No. M01046**

| Monitoring Well | Date Installed | Date of Water Level | *Top of Casing Elevation (feet MSL) | Total Depth (feet) | Screened Interval (feet) | Depth To Water (feet) | Groundwater Elevation (feet MSL) |
|-----------------|----------------|---------------------|-------------------------------------|--------------------|--------------------------|-----------------------|----------------------------------|
| MMW-P-01        | 09/28/05       | 6/14/07             | 715.79                              | 28.00              | 18.00 -                  | 28.00                 | 18.95                            |
| MMW-P-02        | 09/27/05       | 6/14/07             | 716.70                              | 30.00              | 20.00 -                  | 30.00                 | 19.96                            |
| MMW-P-03S       | 09/26/05       | 6/14/07             | 716.55                              | 28.00              | 18.00 -                  | 28.00                 | 19.79                            |
| MMW-P-03D       | 09/27/05       | 6/14/07             | 716.45                              | 35.00              | 25.00 -                  | 35.00                 | 19.70                            |
| MMW-P-04        | 09/26/05       | 6/14/07             | 716.27                              | 28.00              | 18.00 -                  | 28.00                 | 19.51                            |
| MMW-P-05        | 09/26/05       | 6/14/07             | 716.12                              | 28.00              | 18.00 -                  | 28.00                 | 19.31                            |
| MMW-P-06        | 09/28/05       | 6/14/07             | 716.50                              | 28.00              | 18.00 -                  | 28.00                 | 19.70                            |
| MMW-P-07        | 01/11/07       | 6/14/07             | 715.30                              | 28.00              | 18.00 -                  | 28.00                 | 18.20                            |
| MMW-P-08        | 01/11/07       | 6/14/07             | 715.22                              | 28.00              | 18.00 -                  | 28.00                 | 18.09                            |
| MMW-P-09S       | 01/29/07       | 6/14/07             | 715.36                              | 28.00              | 18.00 -                  | 28.00                 | 19.59                            |
| MMW-P-09D       | 05/31/07       | 6/14/07             | 715.21                              | 45.00              | 35.00 -                  | 45.00                 | 19.40                            |
| MMW-P-10S       | 06/01/07       | 6/14/07             | 714.59                              | 28.00              | 18.00 -                  | 28.00                 | 17.70                            |
| MMW-P-10D       | 06/01/07       | 6/14/07             | 714.98                              | 38.00              | 28.00 -                  | 38.00                 | 18.09                            |

Note: The top of casing elevation for each well was determined assuming a surveyed top of casing elevation of 712.54 ft elevation given in the Keranida Phase II Investigation Report dated March 2002 for well MW-165S (located along Michigan Meadows Apartments northern property line) and a surveyed top of casing elevation of 711.88 ft for well MW-171D located east-southeast of Michigan Plaza on Olin Avenue.



Table 2a

**Monitoring Well Construction Summary**  
**Michigan Apartments**  
**3801-3823 West Michigan Street**  
**Indianapolis, Indiana**  
**MUNDELL Project No. M01046**

| Monitoring Well | Date Installed | Date of Water Level | *Top of Casing Elevation (feet MSL) | Total Depth (feet) | Screened Interval (feet) | Depth To Water (feet) | Groundwater Elevation (feet MSL) |
|-----------------|----------------|---------------------|-------------------------------------|--------------------|--------------------------|-----------------------|----------------------------------|
| MMW-1S          | 8/20/04        | 6/14/07             | 713.66                              | 20.00              | 10.00 - 20.00            | 15.97                 | 697.69                           |
| MMW-8S          | 1/11/07        | 6/14/07             | 714.75                              | 24.00              | 14.00 - 24.00            | 16.94                 | 697.81                           |
| MMW-9S          | 1/12/07        | 6/14/07             | 714.09                              | 25.00              | 15.00 - 25.00            | 17.01                 | 697.08                           |
| MMW-10S         | 1/12/07        | 6/14/07             | 713.23                              | 25.00              | 15.00 - 25.00            | 15.87                 | 697.36                           |
| MMW-11S         | 5/31/07        | 6/14/07             | 713.69                              | 33.00              | 23.00 - 33.00            | 15.98                 | 697.71                           |

Note: The top of casing elevation for each well was determined assuming a surveyed top of casing elevation of 712.54 ft elevation given in the Keramida Phase II Investigation Report dated March 2002 for well MW-16SS (located along Michigan Meadows Apartments northern property line) and a surveyed top of casing elevation of 711.88 ft for well MW-17ID located east-southeast of Michigan Plaza on Olin Avenue.



**Table 3**  
**Soil Analytical Results**  
**May 2007 Delineation**  
**Michigan Plaza**  
**Indianapolis, Indiana**  
**MUNDELL Job No.: M01046**

| <b>Sample</b>                                | <b>Sample Date</b> | <b>PCE</b>   | <b>TCE</b>   | <b>cis-1,2-DCE</b> | <b>trans-1,2-DCE</b> | <b>Chloroform</b> | <b>Vinyl chloride</b> |
|--|--------------------|--------------|--------------|--------------------|----------------------|-------------------|-----------------------|
|  |                    | <b>ug/kg</b> | <b>ug/kg</b> | <b>ug/kg</b>       | <b>ug/kg</b>         | <b>ug/kg</b>      | <b>ug/kg</b>          |
| MMW-P-10S, 16-17'                            | 5/31/2007          | 80.9         | 10.8         | < 5.2              | < 5.2                | < 5.2             | < 5.2                 |
| IDEML RISC Default Industrial Cleanup Level  |                    | 640          | 82           | 5,800              | 14,000               | 1,200             | 13                    |
| IDEML RISC Default Residential Cleanup Level |                    | 58           | 57           | 400                | 680                  | 470               | 13                    |

**Note:**

All Values Over IDEML RISC Industrial Default Cleanup Level shown in RED

All Values Over IDEML RISC Residential Default Cleanup Level shown in BLUE

PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene



Table 4  
Monitoring Well Groundwater Analytical Results  
Quarter 2 (April 1st - June 30th, 2007)  
Michigan Plaza  
Indianapolis, Indiana  
MUNDELL Job No.: M01046

| Well ID                                     | Sample Date | PCE  | TCE  | cis-1,2-DCE | trans-1,2-DCE | Chloroform | Vinyl chloride | Methylene chloride | Naphthalene | 1,2,3-Trichlorobenzene |
|---|-------------|------|------|-------------|---------------|------------|----------------|--------------------|-------------|------------------------|
|   |             | ug/l | ug/l | ug/l        | ug/l          | ug/l       | ug/l           | ug/l               | ug/l        | ug/l                   |
| <b>Monitoring Wells (Apts)</b>              |             |      |      |             |               |            |                |                    |             |                        |
| M/MW-1S                                     | 6/14/2007   | <5.0 | <5.0 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
| M/MW-3S                                     | 6/14/2007   | 15.9 | <5.0 | 364         | 9.5           | <5.0       | 82.1           | <5.0               | <5.0        | <5.0                   |
| M/MW-9S                                     | 6/14/2007   | 858  | 85.7 | 65.3        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
| M/MW-10S                                    | 6/14/2007   | 77.6 | <5.0 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
| M/MW-11S                                    | 6/14/2007   | <5.0 | <5.0 | 225         | 6.8           | <5.0       | 18.6           | <5.0               | <5.0        | <5.0                   |
| <b>Monitoring Wells (Plaza)</b>             |             |      |      |             |               |            |                |                    |             |                        |
| M/MW-P-01                                   | 6/14/2007   | 111  | 368  | 350         | 10            | <5.0       | 79.6           | <5.0               | <5.0        | <5.0                   |
| M/MW-P-02                                   | 6/14/2007   | 17.1 | <5.0 | 35          | <5.0          | <5.0       | 27.5           | <5.0               | <5.0        | <5.0                   |
| M/MW-P-03S                                  | 6/14/2007   | 256  | <5.0 | 96.4        | 9.2           | <5.0       | 9.3            | <5.0               | <5.0        | <5.0                   |
| M/MW-P-03D                                  | 6/14/2007   | 21.7 | <5.0 | 74.9        | <5.0          | <5.0       | 34.5           | <5.0               | <5.0        | <5.0                   |
| M/MW-P-04                                   | 6/14/2007   | 268  | <5.0 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
| M/MW-P-05                                   | 6/14/2007   | <5.0 | <5.0 | 18.8        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
| M/MW-P-06                                   | 6/14/2007   | <5.0 | <5.0 | 214         | 22.7          | <5.0       | 13.3           | <5.0               | <5.0        | <5.0                   |
| M/MW-P-07                                   | 6/14/2007   | 2850 | 90   | 82.5        | <50.0         | <50.0      | <20.0          | <50.0              | <50.0       | <50.0                  |
| M/MW-P-08                                   | 6/14/2007   | 6440 | 310  | 169         | <50.0         | <50.0      | <20.0          | <50.0              | <50.0       | <50.0                  |
| M/MW-P-09S                                  | 6/14/2007   | <5.0 | <5.0 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
| M/MW-P-09D                                  | 6/14/2007   | <5.0 | <5.0 | <5.0        | <5.0          | <5.0       | 46.2           | <5.0               | <5.0        | <5.0                   |
| M/MW-P-10S                                  | 6/14/2007   | 36.1 | 36.3 | 61.6        | 6.9           | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
| M/MW-P-10D                                  | 6/14/2007   | <5.0 | 10.6 | 481         | 7.7           | <5.0       | 98.7           | <5.0               | <5.0        | <5.0                   |
| <b>Keranida Monitoring Wells (Off-site)</b> |             |      |      |             |               |            |                |                    |             |                        |
| MW-163S                                     | 6/14/2007   | <5.0 | <5.0 | 40.8        | <5.0          | <5.0       | 34             | <5.0               | <5.0        | <5.0                   |
| MW-163D                                     | 6/14/2007   | <5.0 | <5.0 | 5.2         | <5.0          | <5.0       | 47.5           | <5.0               | <5.0        | <5.0                   |
| IDE4 RISC Default Industrial Cleanup Level  |             | 55   | 31   | 1,060       | 2,060         | 1,060      | 2              | 380                | 2,680       | NA                     |
| IDE4 RISC Default Residential Cleanup Level |             | 5    | 5    | 70          | 100           | 80         | 2              | 5                  | 8.3         | NA                     |

Note:  
All Values Over IDEM RISC Default Industrial Cleanup Level is RED

All Values Over IDEM RISC Default Residential Cleanup Level is BLUE

PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene;  
trans-1,2-DCE = trans-1,2-Dichloroethene



**Table 5**  
**Historical Monitoring Well Groundwater Analytical Results**  
**Quarter 2 (April 1st - June 30th, 2007)**  
**Michigan Plaza**  
**Indianapolis, Indiana**  
**MUNDELL Job No.: M01046**

| Well ID                                    | Sample Date | PCE  | TCE  | cis-1,2-DCE | trans-1,2-DCE | Chloroform | Vinyl chloride | Methylene chloride | Naphthalene | 1,2,4-Trifluorobenzene |
|--|-------------|------|------|-------------|---------------|------------|----------------|--------------------|-------------|------------------------|
|  |             | ug/l | ug/l | ug/l        | ug/l          | ug/l       | ug/l           | ug/l               | ug/l        | ug/l                   |
| <b>Monitoring Wells (Apts)</b>             |             |      |      |             |               |            |                |                    |             |                        |
| MMW-1S                                     | 9/10/2004   | 3.1  | <5.0 | <5.0        | <5.0          | <5.0       | 4.1            | <5.0               | <5.0        | <5.0                   |
|  | 3/15/2005   | 150  | 10   | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
|  | 11/9/2005   | 130  | 8.3  | <5.0        | <5.0          | <5.0       | 8.9            | <5.0               | <5.0        | <5.0                   |
|  | 9/5/2006    | 200  | 13   | <5.0        | <5.0          | <5.0       | 4.6            | <5.0               | <5.0        | <5.0                   |
|  | 2/22/2007   | 220  | 14.9 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
|  | 6/14/2007   | <5.0 | <5.0 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
| MMW-3S                                     | 2/22/2007   | 114  | <5.0 | 289         | 13.8          | <5.0       | 40.6           | <5.0               | <5.0        | <5.0                   |
|  | 6/14/2007   | 15.9 | <5.0 | 364         | 9.5           | <5.0       | 87.1           | <5.0               | <5.0        | <5.0                   |
| MMW-9S                                     | 2/22/2007   | 782  | 88.6 | 78.9        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
|  | 6/14/2007   | 856  | 85.7 | 65.3        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
| MMW-10S                                    | 2/22/2007   | 49.6 | <5.0 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
| MMW-11S                                    | 6/14/2007   | 77.6 | <5.0 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
|  | 6/14/2007   | <5.0 | <5.0 | 225         | 6.8           | <5.0       | 13.6           | <5.0               | <5.0        | <5.0                   |
| <b>Monitoring Wells (Plaza)</b>            |             |      |      |             |               |            |                |                    |             |                        |
| MMW-P-01                                   | 11/9/2005   | 33   | 210  | 160         | 9.6           | <5.0       | 76             | <5.0               | <5.0        | <5.0                   |
|  | 2/22/2007   | 85.2 | 356  | 274         | 16.7          | <5.0       | 23.7           | <5.0               | <5.0        | <5.0                   |
|  | 6/14/2007   | 111  | 368  | 350         | 10            | <5.0       | 79.6           | <5.0               | <5.0        | <5.0                   |
| MMW-P-02                                   | 11/8/2005   | 24   | <5.0 | 87          | 7.3           | <5.0       | 49             | <5.0               | <5.0        | <5.0                   |
|  | 2/22/2007   | 184  | <5.0 | 39.4        | <5.0          | <5.0       | 27.4           | <5.0               | <5.0        | <5.0                   |
|  | 6/14/2007   | 17.1 | <5.0 | 35          | <5.0          | <5.0       | 27.5           | <5.0               | <5.0        | <5.0                   |
| MMW-P-03S                                  | 11/9/2005   | 110  | <5.0 | 97          | 9.6           | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
|  | 2/22/2007   | 397  | <5.0 | 105         | 10.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
|  | 6/14/2007   | 256  | <5.0 | 96.4        | 9.2           | <5.0       | 9.3            | <5.0               | <5.0        | <5.0                   |
| MMW-P-03D                                  | 11/9/2005   | 22   | <5.0 | 42          | <5.0          | <5.0       | 2              | <5.0               | <5.0        | <5.0                   |
|  | 2/22/2007   | 48.9 | <5.0 | 57.8        | <5.0          | 39.0       | 15.6           | <5.0               | <5.0        | <5.0                   |
|  | 6/14/2007   | 21.7 | <5.0 | 74.9        | <5.0          | <5.0       | 34.5           | <5.0               | <5.0        | <5.0                   |
| MMW-P-04                                   | 11/9/2005   | 180  | <5.0 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
|  | 2/22/2007   | 315  | <5.0 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
|  | 6/14/2007   | 266  | <5.0 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
| MMW-P-05                                   | 11/8/2005   | <5.0 | <5.0 | 6.2         | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
|  | 2/22/2007   | 23.7 | <5.0 | 9.1         | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
|  | 6/14/2007   | <5.0 | <5.0 | 18.8        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
| MMW-P-06                                   | 11/8/2005   | <5.0 | <5.0 | 200         | 24            | <5.0       | 21             | <5.0               | <5.0        | <5.0                   |
|  | 2/22/2007   | <5.0 | <5.0 | 158         | 19.2          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                   |
|  | 6/14/2007   | <5.0 | <5.0 | 214         | 22.7          | <5.0       | 13.3           | <5.0               | <5.0        | <5.0                   |
| IDEMLRSC Default Industrial Cleanup Level  |             | 55   | 31   | 1,000       | 2,000         | 1,000      | 2              | 300                | 2,000       | NA                     |
| IDEMLRSC Default Residential Cleanup Level |             | 5    | 5    | 70          | 100           | 80         | 2              | 5                  | 8.3         | NA                     |

Note:

All Values Over IDEMLRSC Default Industrial Cleanup Level in RED

All Values Over IDEMLRSC Default Residential Cleanup Level in BLUE

PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene



**Table 5**  
**Historical Monitoring Well Groundwater Analytical Results**  
**Quarter 2 (April 1st - June 30th, 2007)**  
**Michigan Plaza**  
**Indianapolis, Indiana**  
**MUNDELL Job No.: M01046**

| Well ID                                     | Sample Date | PCE   | TCE  | cis-1,2-DCE | trans-1,2-DCE | Chloroform | Vinyl chloride | Methylene chloride | Naphthalene | 1,2,3-Trichloro benzene |
|---|-------------|-------|------|-------------|---------------|------------|----------------|--------------------|-------------|-------------------------|
|   |             | ug/l  | ug/l | ug/l        | ug/l          | ug/l       | ug/l           | ug/l               | ug/l        | ug/l                    |
| <b>Monitoring Wells (Plaza)</b>             |             |       |      |             |               |            |                |                    |             |                         |
| MMW-P-07                                    | 2/22/2007   | 3,060 | 81.5 | 82          | 8.8           | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                    |
|   | 6/14/2007   | 2,850 | 90   | 82.5        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                    |
| MMW-P-08                                    | 2/22/2007   | 6,280 | 231  | 240         | 26.7          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                    |
|   | 6/14/2007   | 6,440 | 310  | 169         | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                    |
| MMW-P-09S                                   | 2/22/2007   | 10.0  | <5.0 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                    |
|   | 6/14/2007   | <5.0  | <5.0 | <5.0        | <5.0          | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                    |
| MMW-P-09D                                   | 6/14/2007   | <5.0  | <5.0 | <5.0        | <5.0          | <5.0       | 46.2           | <5.0               | <5.0        | <5.0                    |
| MMW-P-10S                                   | 6/14/2007   | 36.1  | 36.3 | 61.6        | 6.9           | <5.0       | <2.0           | <5.0               | <5.0        | <5.0                    |
| MMW-P-10D                                   | 6/14/2007   | <5.0  | 10.6 | 481         | 7.7           | <5.0       | 98.7           | <5.0               | <5.0        | <5.0                    |
| <b>Keramita Monitoring Wells (Off-site)</b> |             |       |      |             |               |            |                |                    |             |                         |
| MW-168S                                     | 11/7/2005   | 280   | 16   | 53          | <5.0          | <5.0       | 3              | <5.0               | <5.0        | <5.0                    |
|   | 2/21/2007   | 30.1  | 8.8  | 155         | <5.0          | <5.0       | 29.6           | <5.0               | 22.1        | <5.0                    |
|   | 6/14/2007   | <5.0  | <5.0 | 40.8        | <5.0          | <5.0       | 34             | <5.0               | <5.0        | <5.0                    |
| MW-168D                                     | 11/7/2005   | <5.0  | <5.0 | 6.8         | <5.0          | <5.0       | 49             | <5.0               | <5.0        | <5.0                    |
|   | 2/21/2007   | <5.0  | <5.0 | 8.4         | <5.0          | <5.0       | 58.1           | <5.0               | 9.4         | <5.0                    |
| IDEM RISC Default Industrial Cleanup Level  |             | 55    | 31   | 1,060       | 2,630         | 1,060      | 2              | 380                | 2,000       | NA                      |
| IDEM RISC Default Residential Cleanup Level |             | 5     | 5    | 70          | 160           | 80         | 2              | 5                  | 8.3         | NA                      |

Note:

All Values Over IDEM RISC Default Industrial Cleanup Level in RED

All Values Over IDEM RISC Default Residential Cleanup Level in BLUE

PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene



**Table 6**  
**Historical Sewer Analytical Results**  
**Michigan Plaza**  
**Indianapolis, Indiana**  
**MUNDELL Job No.: M01046**

| Sample                                     | Sample Date | PCE        | TCE   | cis-1,2-DCE | trans-1,2-DCE | Chloroform | Vinyl chloride | Chloro methane | Methylene chloride | Naphthalene | 1,2,3-Trichloro benzene | 1,4-Dichloro benzene | Toluene | Acetone |
|--|-------------|------------|-------|-------------|---------------|------------|----------------|----------------|--------------------|-------------|-------------------------|----------------------|---------|---------|
|  |             | ug/l       | ug/l  | ug/l        | ug/l          | ug/l       | ug/l           | ug/l           | ug/l               | ug/l        | ug/l                    | ug/l                 | ug/l    | ug/l    |
| SS-P-01 (7)                                | 9/30/05     | <b>15</b>  | < 5.0 | 19          | < 5.0         | 66         | < 2.0          | < 5.0          | < 5.0              | < 5.0       | < 5.0                   | < 5.0                | < 5.0   | 89      |
|  | 11/8/05     | <b>9.3</b> | < 5.0 | 47          | < 5.0         | 200        | < 2.0          | < 5.0          | < 5.0              | <b>15</b>   | < 5.0                   | < 5.0                | < 5.0   | 130     |
|  | 9/26/05     | <b>58</b>  | < 5.0 | 24          | < 5.0         | 44         | < 2.0          | < 5.0          | < 5.0              | < 5.0       | < 5.0                   | < 5.0                | < 5.0   | < 5.0   |
| SS-A-01 (7)                                | 11/8/05     | <b>51</b>  | < 5.0 | 27          | < 5.0         | 49         | < 2.0          | < 5.0          | < 5.0              | < 5.0       | < 5.0                   | < 5.0                | < 5.0   | 60      |
|  | 6/14/07     | < 5.0      | < 5.0 | < 5.0       | < 5.0         | 11         | < 2.0          | < 5.0          | < 5.0              | < 5.0       | < 5.0                   | < 5.0                | < 5.0   | < 100   |
|  | 9/26/05     | < 5.0      | < 5.0 | < 5.0       | < 5.0         | 22         | < 2.0          | < 5.0          | < 5.0              | < 5.0       | < 5.0                   | < 5.0                | < 5.0   | 94      |
| SS-A-02 (9)                                | 11/8/05     | <b>12</b>  | < 5.0 | < 5.0       | < 5.0         | 16         | < 2.0          | < 5.0          | < 5.0              | < 5.0       | < 5.0                   | < 5.0                | < 5.0   | < 25.   |
|  | 6/14/07     | < 5.0      | < 5.0 | < 5.0       | < 5.0         | 12         | < 2.0          | < 5.0          | < 5.0              | < 5.0       | < 5.0                   | < 5.0                | < 5.0   | < 100   |
|  | 9/30/05     | < 5.0      | < 5.0 | < 5.0       | < 5.0         | 140        | < 2.0          | 37             | < 5.0              | < 5.0       | < 5.0                   | < 5.0                | < 5.0   | 410     |
| SS-A-03 (10)                               | 11/8/05     | <b>20</b>  | < 5.0 | < 5.0       | < 5.0         | 19         | < 2.0          | < 5.0          | < 5.0              | < 5.0       | < 5.0                   | < 5.0                | < 5.0   | < 25.   |
|  | 6/14/07     | < 5.0      | < 5.0 | < 5.0       | < 5.0         | 10         | < 2.0          | < 5.0          | < 5.0              | < 5.0       | < 5.0                   | < 5.0                | < 5.0   | < 100   |
|  | SS-P-3819   | 11/8/05    | < 5.0 | < 5.0       | < 5.0         | < 5.0      | < 5.0          | < 2.0          | < 5.0              | < 5.0       | < 5.0                   | < 5.0                | < 5.0   | 87      |
| DEM RISC Default Industrial Cleanup Level  |             | <b>55</b>  | 7.2   | 1000        | 2000          | 1000       | 2              | NA             | 380                | 2000        | NA                      | 120                  | 20000   | 92000   |
| DEM RISC Default Residential Cleanup Level |             | 5          | 5     | 70          | 100           | 80         | 2              | NA             | 5                  | 8.3         | NA                      | 75                   | 1000    | 950     |

Note:

All Values Over IDEM RISC Default Industrial Cleanup Level in RED

All Values Over IDEM RISC Default Residential Cleanup Level in BLUE

PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene

\*TVOHs = Total Volatile Organic Halides (results from SDI Quick Test = Sum of TCE, PCE and 1,1,1-Trichloroethane)

NA<sup>1</sup> = Not Available  
 NA = Not Applicable, Test kit not run



**Table 7**  
**Air Mitigation System - Historical Air Analytical Results**  
**Michigan Plaza**  
**Indianapolis, Indiana**  
**MUNDELL Project No.: M01046**

| Sample Date | Perchloroethylene (PCE) |        |        |        |        |        |        |        | (µg/m <sup>3</sup> ) |
|-------------|-------------------------|--------|--------|--------|--------|--------|--------|--------|----------------------|
|             | B-1                     | B-2    | B-3    | B-4    | B-1    | B-2    | B-3    | B-4    |                      |
|             | (ppmv)                  |        |        |        | (ppm)  |        |        |        |                      |
| 9/21/2006   | 0.6300                  | 0.7900 | 0.6700 | 0.2800 | 0.0043 | 0.0054 | 0.0046 | 0.0019 | 4.261                |
| 10/6/2006   | 0.6800                  | 0.6700 | 0.5700 | 0.3100 | 0.0060 | 0.0046 | 0.0066 | 0.0021 | 5.980                |
| 10/13/2006  | 0.6800                  | 0.3600 | 0.5200 | 0.2100 | 0.0046 | 0.0024 | 0.0035 | 0.0014 | 4.621                |
| 10/20/2006  | 0.8700                  | 0.5500 | 0.8900 | 0.2200 | 0.0059 | 0.0037 | 0.0060 | 0.0015 | 5.913                |
| 11/17/2006  | 0.8100                  | 0.4700 | 0.7800 | 0.1500 | 0.0055 | 0.0032 | 0.0053 | 0.0010 | 5.505                |
| 12/27/2006  | 0.7400                  | 0.4700 | 0.7500 | 0.1100 | 0.0050 | 0.0032 | 0.0051 | 0.0007 | 5.029                |
| 3/30/2007   | 0.5100                  | 0.1800 | 0.5700 | 0.0310 | 0.0035 | 0.0012 | 0.0039 | 0.0002 | 3.466                |
| 6/15/2007   | <.0100                  | 0.3100 | 0.2100 | 0.4600 | BDL    | 0.0021 | 0.0014 | 0.0031 | 2.107                |



Table 7  
 Air Mitigation - Historical Air Analytical Results  
 Michigan Plaza  
 Indianapolis, Indiana  
 MUNDELL Project No.: MO1046

| Sample Date | Trichloroethylene (TCE) |         |         |         |        |        |     |     |         |       |     |     |
|-------------|-------------------------|---------|---------|---------|--------|--------|-----|-----|---------|-------|-----|-----|
|             | B-1                     | B-2     | B-3     | B-4     | B-1    | B-2    | B-3 | B-4 | B-1     | B-2   | B-3 | B-4 |
|             | (ppmv)                  |         |         |         | (ppm)  |        |     |     | (ug/m³) |       |     |     |
| 9/21/2006   | 0.0240                  | 0.0120  | <0.0100 | <0.0100 | 0.0001 | 0.0001 | BDL | BDL | 129.24  | 64.52 | BDL | BDL |
| 10/6/2006   | 0.0120                  | <0.0100 | <0.0100 | <0.0100 | BDL    | EDL    | BDL | BDL | 64.62   | BDL   | BDL | BDL |
| 10/13/2006  | <0.0100                 | <0.0100 | <0.0100 | <0.0100 | BDL    | EDL    | BDL | BDL | BDL     | BDL   | BDL | BDL |
| 10/20/2006  | <0.0100                 | <0.0100 | <0.0100 | <0.0100 | BDL    | EDL    | BDL | BDL | BDL     | BDL   | BDL | BDL |
| 11/17/2006  | <0.0100                 | <0.0100 | <0.0100 | <0.0100 | BDL    | EDL    | BDL | BDL | BDL     | BDL   | BDL | BDL |
| 12/27/2006  | <0.0100                 | <0.0100 | <0.0100 | <0.0100 | BDL    | EDL    | BDL | BDL | BDL     | BDL   | BDL | BDL |
| 3/30/2007   | <0.0100                 | <0.0100 | <0.0100 | <0.0100 | BDL    | EDL    | BDL | BDL | BDL     | BDL   | BDL | BDL |
| 6/15/2007   | 0.4600                  | <0.0100 | <0.0100 | <0.0100 | 0.0001 | EDL    | BDL | BDL | BDL     | BDL   | BDL | BDL |



Table 7  
 Air Mitigation - Historical Air Analytical Results  
 Michigan Plaza  
 Indianapolis, Indiana  
 MUNDELL Project No.: M01046

| Sample Date | Vinyl Chloride |         |         |         |     |     |     |     | (ppm) |
|-------------|----------------|---------|---------|---------|-----|-----|-----|-----|-------|
|             | B-1            | B-2     | B-3     | B-4     | B-1 | B-2 | B-3 | B-4 |       |
| 9/21/2006   | <1,0000        | <1,0000 | <1,0000 | <1,0000 | BDL | BDL | BDL | BDL | BDL   |
| 10/6/2006   | <1,0000        | <1,0000 | <1,0000 | <1,0000 | BDL | BDL | BDL | BDL | BDL   |
| 10/13/2006  | <1,0000        | <1,0000 | <1,0000 | <1,0000 | BDL | BDL | BDL | BDL | BDL   |
| 10/20/2006  | <1,0000        | <1,0000 | <1,0000 | <1,0000 | BDL | BDL | BDL | BDL | BDL   |
| 11/17/2006  | <1,0000        | <1,0000 | <1,0000 | <1,0000 | BDL | BDL | BDL | BDL | BDL   |
| 12/27/2006  | <1,0000        | <1,0000 | <1,0000 | <1,0000 | BDL | BDL | BDL | BDL | BDL   |
| 3/30/2007   | <1,0000        | <1,0000 | <1,0000 | <1,0000 | BDL | BDL | BDL | BDL | BDL   |
| 6/15/2007   | <1,0000        | <1,0000 | <1,0000 | <1,0000 | BDL | BDL | BDL | BDL | BDL   |



**Table 7**  
**Air Mitigation - Historical Air Analytical Results**  
**Michigan Plaza**  
**Indianapolis, Indiana**  
**MURDELL Project No.: M01046**

| Sample Date | cis-1,2-Dichloroethylene |         |         |         |            |     |     |     | (ng/m <sup>3</sup> ) |
|-------------|--------------------------|---------|---------|---------|------------|-----|-----|-----|----------------------|
|             | B-1                      | B-2     | B-3     | B-4     | B-1        | B-2 | B-3 | B-4 |                      |
|             | (ppmv)                   |         |         | (ppm)   |            |     |     |     |                      |
| 9/21/2006   | 0.1400                   | <0.0200 | <0.0200 | <0.0200 | 0.0006     | BDL | BDL | BDL | BDL                  |
| 10/6/2006   | 0.0300                   | <0.0200 | <0.0200 | <0.0200 | 0.0001     | BDL | BDL | BDL | BDL                  |
| 10/13/2006  | <0.0200                  | <0.0200 | <0.0200 | <0.0200 | BDL        | BDL | BDL | BDL | BDL                  |
| 10/20/2006  | <0.0200                  | <0.0200 | <0.0200 | <0.0200 | BDL        | BDL | BDL | BDL | BDL                  |
| 11/17/2006  | <0.0200                  | <0.0200 | <0.0200 | <0.0200 | BDL        | BDL | BDL | BDL | BDL                  |
| 12/27/2006  | 0.024                    | <0.0200 | <0.0200 | <0.0200 | 9.555E-05  | BDL | BDL | BDL | BDL                  |
| 3/30/2007   | <0.0200                  | <0.0200 | <0.0200 | <0.0200 | BDL        | BDL | BDL | BDL | BDL                  |
| 6/15/2007   | 0.2100                   | <0.0200 | <0.0200 | <0.0200 | 0.00003433 | BDL | BDL | BDL | BDL                  |



## **APPENDIX A**

## **LAB ANALYTICAL RESULTS**



June 28, 2007

Leena Lothe  
Mundell & Associates, Inc.  
429 East Vermont Street  
Suite 200  
Indianapolis, IN 46202

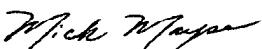
RE: Project: Michigan Meadows / M01046  
Pace Project No.: 504664

Dear Leena Lothe:

Enclosed are the analytical results for sample(s) received by the laboratory on June 15, 2007. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mick Mayse

mick.mayse@pacelabs.com  
Project Manager

Illinois/NELAC Certification Number: 100418  
Indiana Certification Number: C-49-06  
Kansas Certification Number: E-10247  
Kentucky Certification Number: 0042  
Ohio VAP: CL0065  
Pennsylvania: 68-00791  
West Virginia Certification Number: 330

Enclosures

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## SAMPLE SUMMARY

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

| Lab ID    | Sample ID  | Matrix | Date Collected | Date Received  |
|-----------|------------|--------|----------------|----------------|
| 504664001 | MMW-1S     | Water  | 06/14/07 11:35 | 06/15/07 14:54 |
| 504664002 | MMW-8S     | Water  | 06/14/07 11:35 | 06/15/07 14:54 |
| 504664003 | MMW-9S     | Water  | 06/14/07 12:05 | 06/15/07 14:54 |
| 504664004 | MMW-10S    | Water  | 06/14/07 12:10 | 06/15/07 14:54 |
| 504664005 | MMW-11S    | Water  | 06/14/07 11:45 | 06/15/07 14:54 |
| 504664006 | MMW-P-01   | Water  | 06/14/07 15:00 | 06/15/07 14:54 |
| 504664007 | MMW-P-02   | Water  | 06/14/07 13:30 | 06/15/07 14:54 |
| 504664008 | MMW-P-03S  | Water  | 06/14/07 14:10 | 06/15/07 14:54 |
| 504664009 | MMW-P-03D  | Water  | 06/14/07 14:00 | 06/15/07 14:54 |
| 504664010 | MMW-P-04   | Water  | 06/14/07 14:05 | 06/15/07 14:54 |
| 504664011 | MMW-P-05   | Water  | 06/14/07 14:15 | 06/15/07 14:54 |
| 504664012 | MMW-P-06   | Water  | 06/14/07 14:40 | 06/15/07 14:54 |
| 504664013 | MMW-P-07   | Water  | 06/14/07 15:15 | 06/15/07 14:54 |
| 504664014 | MMW-P-08   | Water  | 06/14/07 14:40 | 06/15/07 14:54 |
| 504664015 | MMW-P-09S  | Water  | 06/14/07 16:05 | 06/15/07 14:54 |
| 504664016 | MMW-P-09D  | Water  | 06/14/07 15:50 | 06/15/07 14:54 |
| 504664017 | MMW-P-10S  | Water  | 06/14/07 15:30 | 06/15/07 14:54 |
| 504664018 | MMW-P-10D  | Water  | 06/14/07 15:00 | 06/15/07 14:54 |
| 504664019 | MW-168S    | Water  | 06/14/07 13:20 | 06/15/07 14:54 |
| 504664020 | MW-168D    | Water  | 06/14/07 13:35 | 06/15/07 14:54 |
| 504664021 | SS-A-01    | Water  | 06/14/07 09:10 | 06/15/07 14:54 |
| 504664022 | SS-A-02    | Water  | 06/14/07 09:00 | 06/15/07 14:54 |
| 504664023 | SS-A-03    | Water  | 06/14/07 09:20 | 06/15/07 14:54 |
| 504664024 | DUP        | Water  | 06/14/07 00:00 | 06/15/07 14:54 |
| 504664025 | TRIP BLANK | Water  | 06/14/07 00:00 | 06/15/07 14:54 |

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## SAMPLE ANALYTE COUNT

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

| Lab ID    | Sample ID  | Method   | Analytes Reported |
|-----------|------------|----------|-------------------|
| 504664001 | MMW-1S     | EPA 8260 | 72                |
| 504664002 | MMW-8S     | EPA 8260 | 72                |
| 504664003 | MMW-9S     | EPA 8260 | 72                |
| 504664004 | MMW-10S    | EPA 8260 | 72                |
| 504664005 | MMW-11S    | EPA 8260 | 72                |
| 504664006 | MMW-P-01   | EPA 8260 | 72                |
| 504664007 | MMW-P-02   | EPA 8260 | 72                |
| 504664008 | MMW-P-03S  | EPA 8260 | 72                |
| 504664009 | MMW-P-03D  | EPA 8260 | 72                |
| 504664010 | MMW-P-04   | EPA 8260 | 72                |
| 504664011 | MMW-P-05   | EPA 8260 | 72                |
| 504664012 | MMW-P-06   | EPA 8260 | 72                |
| 504664013 | MMW-P-07   | EPA 8260 | 72                |
| 504664014 | MMW-P-08   | EPA 8260 | 72                |
| 504664015 | MMW-P-09S  | EPA 8260 | 72                |
| 504664016 | MMW-P-09D  | EPA 8260 | 72                |
| 504664017 | MMW-P-10S  | EPA 8260 | 72                |
| 504664018 | MMW-P-10D  | EPA 8260 | 72                |
| 504664019 | MW-168S    | EPA 8260 | 72                |
| 504664020 | MW-168D    | EPA 8260 | 72                |
| 504664021 | SS-A-01    | EPA 8260 | 72                |
| 504664022 | SS-A-02    | EPA 8260 | 72                |
| 504664023 | SS-A-03    | EPA 8260 | 72                |
| 504664024 | DUP        | EPA 8260 | 72                |
| 504664025 | TRIP BLANK | EPA 8260 | 72                |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-1S              | Lab ID: 504664001 | Collected: 06/14/07 11:35   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 16:37 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 16:37 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 16:37 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 75-25-2    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 74-83-9    |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 16:37 | 78-93-3    |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 104-51-8   |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 135-98-8   |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 98-06-6    |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 16:37 | 75-15-0    |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 106-93-4   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 16:37 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 16:37 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 16:37 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 16:37 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 99-87-6    |      |

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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-1S              | Lab ID: 504664001 | Collected: 06/14/07 11:35   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 16:37 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/26/07 16:37 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 16:37 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 16:37 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L           |                             | 2.0                      | 1             |          | 06/26/07 16:37 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 16:37 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 105 %             |                             | 82-122                   | 1             |          | 06/26/07 16:37 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 86 %              |                             | 73-120                   | 1             |          | 06/26/07 16:37 | 460-00-4  |      |
| Toluene-d8 (S)              | 95 %              |                             | 80-120                   | 1             |          | 06/26/07 16:37 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-8S              | Lab ID: 504664002 | Collected: 06/14/07 11:35   | Received: 06/15/07 14:54 | Matrix: Water |          |                |          |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.  | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |          |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 05:16 | 67-64-1  |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 05:16 | 107-02-8 |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 05:16 | 107-13-1 |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 71-43-2  |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 108-86-1 |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 74-97-5  |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 75-27-4  |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 75-25-2  |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 74-83-9  |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 104-51-8 |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 05:16 | 135-98-8 |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 98-06-6  |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 124-48-1 |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 142-28-9 |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 05:16 | 56-23-5  |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 108-90-7 |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 75-00-3  |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 67-66-3  |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 74-87-3  |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 95-49-8  |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 106-43-4 |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 124-48-1 |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 106-93-4 |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 74-95-3  |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 95-50-1  |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 541-73-1 |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 106-46-7 |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 110-57-6 |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 05:16 | 75-71-8  |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 594-20-7 |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 563-58-6 |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 100-41-4 |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 97-63-2  |      |
| cis-1,2-Dichloroethene      | 364 ug/L          |                             | 50.0                     | 10            |          | 06/23/07 05:16 | 87-68-3  |      |
| trans-1,2-Dichloroethene    | 9.5 ug/L          |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 591-78-6 |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 142-28-9 |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 100-41-4 |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 106-82-8 |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 124-48-1 |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 142-28-9 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 100-41-4 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 97-63-2  |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 05:16 | 106-46-7 |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 124-48-1 |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 05:16 | 106-82-8 |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 05:16 | 135-98-8 |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 99-87-6  |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 |          |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-8S              | Lab ID: 504664002 | Collected: 06/14/07 11:35   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 05:16 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/23/07 05:16 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 79-34-5   |      |
| Tetrachloroethene           | 15.9 ug/L         |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 05:16 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 05:16 | 108-05-4  |      |
| Vinyl chloride              | 82.1 ug/L         |                             | 2.0                      | 1             |          | 06/23/07 05:16 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 05:16 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 100 %             |                             | 82-122                   | 1             |          | 06/23/07 05:16 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 96 %              |                             | 73-120                   | 1             |          | 06/23/07 05:16 | 460-00-4  |      |
| Toluene-d8 (S)              | 96 %              |                             | 80-120                   | 1             |          | 06/23/07 05:16 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-9S              | Lab ID: 504664003           | Collected: 06/14/07 12:05 | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             | Analytical Method: EPA 8260 |                           |                          |               |          |                |            |      |
| Acetone                     | ND ug/L                     |                           | 100                      | 1             |          | 06/23/07 05:54 | 67-64-1    |      |
| Acrolein                    | ND ug/L                     |                           | 100                      | 1             |          | 06/23/07 05:54 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L                     |                           | 100                      | 1             |          | 06/23/07 05:54 | 107-13-1   |      |
| Benzene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 71-43-2    |      |
| Bromobenzene                | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 108-86-1   |      |
| Bromoform                   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 75-25-2    |      |
| Bromoform                   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 74-83-9    |      |
| Bromomethane                | ND ug/L                     |                           | 25.0                     | 1             |          | 06/23/07 05:54 | 78-93-3    |      |
| 2-Butanone (MEK)            | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 104-51-8   |      |
| n-Butylbenzene              | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 135-98-8   |      |
| sec-Butylbenzene            | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 98-06-6    |      |
| tert-Butylbenzene           | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 124-48-1   |      |
| Carbon disulfide            | ND ug/L                     |                           | 10.0                     | 1             |          | 06/23/07 05:54 | 56-23-5    |      |
| Carbon tetrachloride        | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 108-90-7   |      |
| Chlorobenzene               | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 75-00-3    |      |
| Chloroethane                | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 67-66-3    |      |
| Chloroform                  | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 74-87-3    |      |
| Chloromethane               | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 95-49-8    |      |
| 2-Chlorotoluene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 106-43-4   |      |
| 4-Chlorotoluene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 110-57-6   |      |
| Dibromochloromethane        | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 142-28-9   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 591-78-6   |      |
| Dibromomethane              | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 12-67-2    |      |
| 1,2-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L                     |                           | 100                      | 1             |          | 06/23/07 05:54 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 156-59-2   |      |
| cis-1,2-Dichloroethene      | 65.3 ug/L                   |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 156-60-5   |      |
| trans-1,2-Dichloroethene    | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 78-87-5    |      |
| 1,2-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 142-28-9   |      |
| 1,3-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 591-78-6   |      |
| 2,2-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 10061-01-5 |      |
| 1,1-Dichloropropene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 10061-02-6 |      |
| cis-1,3-Dichloropropene     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 100-41-4   |      |
| trans-1,3-Dichloropropene   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 97-63-2    |      |
| Ethylbenzene                | ND ug/L                     |                           | 100                      | 1             |          | 06/23/07 05:54 | 87-68-3    |      |
| Ethyl methacrylate          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 591-78-6   |      |
| Hexachloro-1,3-butadiene    | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 74-88-4    |      |
| 2-Hexanone                  | ND ug/L                     |                           | 25.0                     | 1             |          | 06/23/07 05:54 | 99-87-6    |      |
| Iodomethane                 | ND ug/L                     |                           | 10.0                     | 1             |          | 06/23/07 05:54 | 98-82-8    |      |
| Isopropylbenzene (Cumene)   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 124-48-1   |      |
| p-Isopropyltoluene          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 106-90-7   |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

| Sample: MMW-9S              | Lab ID: 504664003           | Collected: 06/14/07 12:05 | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             | Analytical Method: EPA 8260 |                           |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L                     |                           | 25.0                     | 1             |          | 06/23/07 05:54 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L                     |                           | 4.0                      | 1             |          | 06/23/07 05:54 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 103-65-1  |      |
| Styrene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 79-34-5   |      |
| Tetrachloroethene           | 858 ug/L                    |                           | 50.0                     | 10            |          | 06/23/07 06:33 | 127-18-4  |      |
| Toluene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 79-00-5   |      |
| Trichloroethene             | 85.7 ug/L                   |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 05:54 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L                     |                           | 10.0                     | 1             |          | 06/23/07 05:54 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L                     |                           | 2.0                      | 1             |          | 06/23/07 05:54 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L                     |                           | 10.0                     | 1             |          | 06/23/07 05:54 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 99 %                        |                           | 82-122                   | 1             |          | 06/23/07 05:54 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 93 %                        |                           | 73-120                   | 1             |          | 06/23/07 05:54 | 460-00-4  |      |
| Toluene-d8 (S)              | 95 %                        |                           | 80-120                   | 1             |          | 06/23/07 05:54 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-10S             | Lab ID: 504664004 | Collected: 06/14/07 12:10   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 07:11 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 07:11 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 07:11 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 75-25-2    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 74-83-9    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 78-93-3    |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 07:11 | 104-51-8   |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 135-98-8   |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 98-06-6    |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 75-15-0    |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 07:11 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 106-93-4   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 07:11 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 07:11 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 07:11 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 07:11 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-10S             | Lab ID: 504664004 | Collected: 06/14/07 12:10   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 07:11 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/23/07 07:11 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 79-34-5   |      |
| Tetrachloroethene           | 77.6 ug/L         |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 07:11 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 07:11 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L           |                             | 2.0                      | 1             |          | 06/23/07 07:11 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 07:11 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 99 %              |                             | 82-122                   | 1             |          | 06/23/07 07:11 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 97 %              |                             | 73-120                   | 1             |          | 06/23/07 07:11 | 460-00-4  |      |
| Toluene-d8 (S)              | 97 %              |                             | 80-120                   | 1             |          | 06/23/07 07:11 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-11S             | Lab ID: 504664005 | Collected: 06/14/07 11:45   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 09:05 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 09:05 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 09:05 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 75-25-2    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 74-83-9    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 78-93-3    |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 09:05 | 104-51-8   |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 135-98-8   |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 98-06-6    |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 75-15-0    |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 09:05 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 106-93-4   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 09:05 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 225 ug/L          |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | 6.8 ug/L          |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 09:05 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 09:05 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 09:05 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:05 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

| Sample: MMW-11S             | Lab ID: 504664005           | Collected: 06/14/07 11:45 | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             | Analytical Method: EPA 8260 |                           |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L                     |                           | 25.0                     | 1             |          | 06/23/07 09:05 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L                     |                           | 4.0                      | 1             |          | 06/23/07 09:05 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 103-65-1  |      |
| Styrene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 127-18-4  |      |
| Toluene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 79-00-5   |      |
| Trichloroethene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 09:05 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L                     |                           | 10.0                     | 1             |          | 06/23/07 09:05 | 108-05-4  |      |
| Vinyl chloride              | 18.6 ug/L                   |                           | 2.0                      | 1             |          | 06/23/07 09:05 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L                     |                           | 10.0                     | 1             |          | 06/23/07 09:05 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 100 %                       |                           | 82-122                   | 1             |          | 06/23/07 09:05 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 94 %                        |                           | 73-120                   | 1             |          | 06/23/07 09:05 | 460-00-4  |      |
| Toluene-d8 (S)              | 97 %                        |                           | 80-120                   | 1             |          | 06/23/07 09:05 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-01            | Lab ID: 504664006 | Collected: 06/14/07 15:00   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 09:43 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 09:43 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 09:43 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 75-25-2    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 74-83-9    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 104-51-8   |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 09:43 | 135-98-8   |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 98-06-6    |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 124-48-1   |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 142-28-9   |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 09:43 | 591-78-6   |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 106-93-4   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 09:43 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 350 ug/L          |                             | 50.0                     | 10            |          | 06/23/07 10:21 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | 10 ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 09:43 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 09:43 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 09:43 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-01            | Lab ID: 504664006 | Collected: 06/14/07 15:00   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 09:43 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/23/07 09:43 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 79-34-5   |      |
| Tetrachloroethene           | 111 ug/L          |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 79-00-5   |      |
| Trichloroethene             | 368 ug/L          |                             | 50.0                     | 10            |          | 06/23/07 10:21 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 09:43 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 09:43 | 108-05-4  |      |
| Vinyl chloride              | 79.6 ug/L         |                             | 2.0                      | 1             |          | 06/23/07 09:43 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 09:43 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 100 %             |                             | 82-122                   | 1             |          | 06/23/07 09:43 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 98 %              |                             | 73-120                   | 1             |          | 06/23/07 09:43 | 460-00-4  |      |
| Toluene-d8 (S)              | 97 %              |                             | 80-120                   | 1             |          | 06/23/07 09:43 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-P-02            | Lab ID: 504664007 | Collected: 06/14/07 13:30   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 10:59 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 10:59 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 10:59 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 75-25-2    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 74-83-9    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 78-93-3    |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 10:59 | 104-51-8   |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 135-98-8   |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 98-06-6    |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 124-48-1   |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 10:59 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 106-93-4   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 10:59 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 35.0 ug/L         |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 10:59 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 10:59 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 10:59 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

| Sample: MMW-P-02            | Lab ID: 504664007 | Collected: 06/14/07 13:30   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 10:59 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/23/07 10:59 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 79-34-5   |      |
| Tetrachloroethene           | 17.1 ug/L         |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 10:59 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 10:59 | 108-05-4  |      |
| Vinyl chloride              | 27.5 ug/L         |                             | 2.0                      | 1             |          | 06/23/07 10:59 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 10:59 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 102 %             |                             | 82-122                   | 1             |          | 06/23/07 10:59 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 95 %              |                             | 73-120                   | 1             |          | 06/23/07 10:59 | 460-00-4  |      |
| Toluene-d8 (S)              | 97 %              |                             | 80-120                   | 1             |          | 06/23/07 10:59 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-03S           | Lab ID: 504664008 | Collected: 06/14/07 14:10   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 11:37 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 11:37 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 11:37 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 74-97-5    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 75-27-4    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 75-25-2    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 74-83-9    |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 11:37 | 78-93-3    |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 104-51-8   |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 135-98-8   |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 98-06-6    |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 11:37 | 75-15-0    |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 106-93-4   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 11:37 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 96.4 ug/L         |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | 9.2 ug/L          |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 11:37 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 11:37 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 11:37 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-03S           | Lab ID: 504664008 | Collected: 06/14/07 14:10   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 11:37 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/23/07 11:37 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 79-34-5   |      |
| Tetrachloroethene           | 256 ug/L          |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 11:37 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 11:37 | 108-05-4  |      |
| Vinyl chloride              | 9.3 ug/L          |                             | 2.0                      | 1             |          | 06/23/07 11:37 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 11:37 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 101 %             |                             | 82-122                   | 1             |          | 06/23/07 11:37 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 94 %              |                             | 73-120                   | 1             |          | 06/23/07 11:37 | 460-00-4  |      |
| Toluene-d8 (S)              | 96 %              |                             | 80-120                   | 1             |          | 06/23/07 11:37 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-03D           | Lab ID: 504664009 | Collected: 06/14/07 14:00   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 12:54 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 12:54 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 12:54 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 75-25-2    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 74-83-9    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 104-51-8   |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 12:54 | 78-93-3    |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 135-98-8   |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 98-06-6    |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 541-73-1   |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 12:54 | 75-15-0    |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 106-93-4   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 12:54 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 74.9 ug/L         |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/23/07 12:54 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/23/07 12:54 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/23/07 12:54 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/23/07 12:54 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-03D           | Lab ID: 504664009           | Collected: 06/14/07 14:00 | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             | Analytical Method: EPA 8260 |                           |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L                     |                           | 25.0                     | 1             |          | 06/23/07 12:54 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L                     |                           | 4.0                      | 1             |          | 06/23/07 12:54 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 103-65-1  |      |
| Styrene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 79-34-5   |      |
| Tetrachloroethene           | 21.7 ug/L                   |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 127-18-4  |      |
| Toluene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 79-00-5   |      |
| Trichloroethene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/23/07 12:54 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L                     |                           | 10.0                     | 1             |          | 06/23/07 12:54 | 108-05-4  |      |
| Vinyl chloride              | 34.5 ug/L                   |                           | 2.0                      | 1             |          | 06/23/07 12:54 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L                     |                           | 10.0                     | 1             |          | 06/23/07 12:54 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 97 %                        |                           | 82-122                   | 1             |          | 06/23/07 12:54 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 94 %                        |                           | 73-120                   | 1             |          | 06/23/07 12:54 | 460-00-4  |      |
| Toluene-d8 (S)              | 96 %                        |                           | 80-120                   | 1             |          | 06/23/07 12:54 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-P-04            | Lab ID: 504664010 | Collected: 06/14/07 14:05   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 03:25 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 03:25 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 03:25 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 75-25-2    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 74-83-9    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 78-93-3    |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 03:25 | 104-51-8   |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 135-98-8   |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 98-06-6    |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 75-15-0    |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 03:25 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 106-93-4   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 03:25 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 03:25 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 03:25 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 03:25 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

| Sample: MMW-P-04            | Lab ID: 504664010 | Collected: 06/14/07 14:05   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 03:25 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/26/07 03:25 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 79-34-5   |      |
| Tetrachloroethene           | 268 ug/L          |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 03:25 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 03:25 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L           |                             | 2.0                      | 1             |          | 06/26/07 03:25 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 03:25 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 107 %             |                             | 82-122                   | 1             |          | 06/26/07 03:25 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 93 %              |                             | 73-120                   | 1             |          | 06/26/07 03:25 | 460-00-4  |      |
| Toluene-d8 (S)              | 95 %              |                             | 80-120                   | 1             |          | 06/26/07 03:25 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-05            | Lab ID: 504664011 | Collected: 06/14/07 14:15   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 04:41 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 04:41 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 04:41 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 74-97-5    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 75-27-4    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 75-25-2    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 74-83-9    |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 04:41 | 78-93-3    |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 104-51-8   |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 135-98-8   |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 98-06-6    |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 04:41 | 75-15-0    |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 106-93-4   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 04:41 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 18.8 ug/L         |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 04:41 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 04:41 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 04:41 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-P-05            | Lab ID: 504664011 | Collected: 06/14/07 14:15   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 04:41 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/26/07 04:41 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 04:41 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 04:41 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L           |                             | 2.0                      | 1             |          | 06/26/07 04:41 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 04:41 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 101 %             |                             | 82-122                   | 1             |          | 06/26/07 04:41 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 90 %              |                             | 73-120                   | 1             |          | 06/26/07 04:41 | 460-00-4  |      |
| Toluene-d8 (S)              | 94 %              |                             | 80-120                   | 1             |          | 06/26/07 04:41 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-P-06            | Lab ID: 504664012 | Collected: 06/14/07 14:40   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 06:33 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 06:33 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 06:33 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 75-25-2    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 74-83-9    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 104-51-8   |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 06:33 | 135-98-8   |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 98-06-6    |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 541-73-1   |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 110-57-6   |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 06:33 | 124-48-1   |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 594-20-7   |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 106-93-4   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 06:33 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 214 ug/L          |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | 22.7 ug/L         |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 06:33 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 06:33 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 06:33 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-P-06            | Lab ID: 504664012 | Collected: 06/14/07 14:40   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 06:33 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/26/07 06:33 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 06:33 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 06:33 | 108-05-4  |      |
| Vinyl chloride              | 13.3 ug/L         |                             | 2.0                      | 1             |          | 06/26/07 06:33 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 06:33 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 101 %             |                             | 82-122                   | 1             |          | 06/26/07 06:33 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 89 %              |                             | 73-120                   | 1             |          | 06/26/07 06:33 | 460-00-4  |      |
| Toluene-d8 (S)              | 97 %              |                             | 80-120                   | 1             |          | 06/26/07 06:33 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-07            | Lab ID: 504664013           | Collected: 06/14/07 15:15 | Received: 06/15/07 14:54 | Matrix: Water |          |                |          |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|----------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.  | Qual |
| <b>8260 MSV</b>             | Analytical Method: EPA 8260 |                           |                          |               |          |                |          |      |
| Acetone                     | ND ug/L                     |                           | 1000                     | 10            |          | 06/26/07 07:10 | 67-64-1  |      |
| Acrolein                    | ND ug/L                     |                           | 1000                     | 10            |          | 06/26/07 07:10 | 107-02-8 |      |
| Acrylonitrile               | ND ug/L                     |                           | 1000                     | 10            |          | 06/26/07 07:10 | 107-13-1 |      |
| Benzene                     | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 71-43-2  |      |
| Bromobenzene                | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 108-86-1 |      |
| Bromoform                   | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 74-97-5  |      |
| Bromochloromethane          | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 75-27-4  |      |
| Bromodichloromethane        | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 75-25-2  |      |
| Bromoform                   | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 74-83-9  |      |
| Bromomethane                | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 104-51-8 |      |
| 2-Butanone (MEK)            | ND ug/L                     |                           | 250                      | 10            |          | 06/26/07 07:10 | 135-98-8 |      |
| n-Butylbenzene              | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 98-06-6  |      |
| sec-Butylbenzene            | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 56-23-5  |      |
| tert-Butylbenzene           | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 110-57-6 |      |
| Carbon disulfide            | ND ug/L                     |                           | 100                      | 10            |          | 06/26/07 07:10 | 591-78-6 |      |
| Carbon tetrachloride        | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 75-71-8  |      |
| Chlorobenzene               | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 124-48-1 |      |
| Chloroethane                | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 59-63-4  |      |
| Chloroform                  | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 142-28-9 |      |
| Chloromethane               | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 95-50-1  |      |
| 2-Chlorotoluene             | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 106-43-4 |      |
| 4-Chlorotoluene             | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 107-06-2 |      |
| Dibromochloromethane        | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 156-59-2 |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 156-60-5 |      |
| Dibromomethane              | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 591-78-6 |      |
| 1,2-Dichlorobenzene         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 142-28-9 |      |
| 1,3-Dichlorobenzene         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 59-63-4  |      |
| 1,4-Dichlorobenzene         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 106-43-4 |      |
| trans-1,4-Dichloro-2-butene | ND ug/L                     |                           | 1000                     | 10            |          | 06/26/07 07:10 | 107-06-2 |      |
| Dichlorodifluoromethane     | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 108-90-7 |      |
| 1,1-Dichloroethane          | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 110-57-6 |      |
| 1,2-Dichloroethane          | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 124-48-1 |      |
| 1,1-Dichloroethene          | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 156-59-2 |      |
| cis-1,2-Dichloroethene      | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 156-60-5 |      |
| trans-1,2-Dichloroethene    | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 591-78-6 |      |
| 1,2-Dichloropropane         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 59-63-4  |      |
| 1,3-Dichloropropane         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 106-43-4 |      |
| 2,2-Dichloropropane         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 107-06-2 |      |
| 1,1-Dichloropropene         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 110-57-6 |      |
| cis-1,3-Dichloropropene     | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 124-28-9 |      |
| trans-1,3-Dichloropropene   | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 591-78-6 |      |
| Ethylbenzene                | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 156-59-2 |      |
| Ethyl methacrylate          | ND ug/L                     |                           | 1000                     | 10            |          | 06/26/07 07:10 | 156-60-5 |      |
| Hexachloro-1,3-butadiene    | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 591-78-6 |      |
| 2-Hexanone                  | ND ug/L                     |                           | 250                      | 10            |          | 06/26/07 07:10 | 95-63-2  |      |
| Iodomethane                 | ND ug/L                     |                           | 100                      | 10            |          | 06/26/07 07:10 | 106-43-4 |      |
| Isopropylbenzene (Cumene)   | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 107-06-2 |      |
| p-Isopropyltoluene          | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 07:10 | 110-57-6 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-07            | Lab ID: 504664013 | Collected: 06/14/07 15:15   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 250                      | 10            |          | 06/26/07 07:10 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 40.0                     | 10            |          | 06/26/07 07:10 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 79-34-5   |      |
| Tetrachloroethene           | 2850 ug/L         |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 79-00-5   |      |
| Trichloroethene             | 90.0 ug/L         |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 50.0                     | 10            |          | 06/26/07 07:10 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 100                      | 10            |          | 06/26/07 07:10 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L           |                             | 20.0                     | 10            |          | 06/26/07 07:10 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 100                      | 10            |          | 06/26/07 07:10 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 102 %             |                             | 82-122                   | 10            |          | 06/26/07 07:10 | 1868-53-7 | 1d   |
| 4-Bromofluorobenzene (S)    | 90 %              |                             | 73-120                   | 10            |          | 06/26/07 07:10 | 460-00-4  |      |
| Toluene-d8 (S)              | 94 %              |                             | 80-120                   | 10            |          | 06/26/07 07:10 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-P-08            | Lab ID: 504664014           | Collected: 06/14/07 14:40 | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             | Analytical Method: EPA 8260 |                           |                          |               |          |                |            |      |
| Acetone                     | ND ug/L                     |                           | 1000                     | 10            |          | 06/26/07 08:25 | 67-64-1    |      |
| Acrolein                    | ND ug/L                     |                           | 1000                     | 10            |          | 06/26/07 08:25 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L                     |                           | 1000                     | 10            |          | 06/26/07 08:25 | 107-13-1   |      |
| Benzene                     | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 71-43-2    |      |
| Bromobenzene                | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 108-86-1   |      |
| Bromoform                   | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 75-25-2    |      |
| Bromoform                   | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 74-83-9    |      |
| Bromomethane                | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 104-51-8   |      |
| 2-Butanone (MEK)            | ND ug/L                     |                           | 250                      | 10            |          | 06/26/07 08:25 | 135-98-8   |      |
| n-Butylbenzene              | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 98-06-6    |      |
| sec-Butylbenzene            | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 106-43-4   |      |
| tert-Butylbenzene           | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 124-48-1   |      |
| Carbon disulfide            | ND ug/L                     |                           | 100                      | 10            |          | 06/26/07 08:25 | 56-23-5    |      |
| Carbon tetrachloride        | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 108-90-7   |      |
| Chlorobenzene               | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 75-00-3    |      |
| Chloroethane                | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 67-66-3    |      |
| Chloroform                  | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 74-87-3    |      |
| Chloromethane               | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 95-49-8    |      |
| 2-Chlorotoluene             | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 106-43-4   |      |
| 4-Chlorotoluene             | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 142-28-9   |      |
| Dibromochloromethane        | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 594-20-7   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 563-58-6   |      |
| Dibromomethane              | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 10061-01-5 |      |
| 1,2-Dichlorobenzene         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 10061-02-6 |      |
| 1,3-Dichlorobenzene         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 100-41-4   |      |
| 1,4-Dichlorobenzene         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 97-63-2    |      |
| trans-1,4-Dichloro-2-butene | ND ug/L                     |                           | 1000                     | 10            |          | 06/26/07 08:25 | 107-06-2   |      |
| Dichlorodifluoromethane     | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 156-59-2   |      |
| 1,1-Dichloroethane          | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 156-60-5   |      |
| 1,2-Dichloroethane          | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 156-58-6   |      |
| 1,1-Dichloroethene          | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 100-41-4   |      |
| cis-1,2-Dichloroethene      | 169 ug/L                    |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 95-50-1    |      |
| trans-1,2-Dichloroethene    | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 106-43-4   |      |
| 1,2-Dichloropropane         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 142-28-9   |      |
| 1,3-Dichloropropane         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 594-20-7   |      |
| 2,2-Dichloropropane         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 563-58-6   |      |
| 1,1-Dichloropropene         | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 106-43-4   |      |
| cis-1,3-Dichloropropene     | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 100-41-4   |      |
| trans-1,3-Dichloropropene   | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 97-63-2    |      |
| Ethylbenzene                | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 108-25     |      |
| Ethyl methacrylate          | ND ug/L                     |                           | 1000                     | 10            |          | 06/26/07 08:25 | 87-68-3    |      |
| Hexachloro-1,3-butadiene    | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 591-78-6   |      |
| 2-Hexanone                  | ND ug/L                     |                           | 250                      | 10            |          | 06/26/07 08:25 | 74-88-4    |      |
| Iodomethane                 | ND ug/L                     |                           | 100                      | 10            |          | 06/26/07 08:25 | 98-82-8    |      |
| Isopropylbenzene (Cumene)   | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 99-87-6    |      |
| p-Isopropyltoluene          | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 |            |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-P-08            | Lab ID: 504664014           | Collected: 06/14/07 14:40 | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| 8260 MSV                    | Analytical Method: EPA 8260 |                           |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L                     |                           | 250                      | 10            |          | 06/26/07 08:25 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L                     |                           | 40.0                     | 10            |          | 06/26/07 08:25 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 103-65-1  |      |
| Styrene                     | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 79-34-5   |      |
| Tetrachloroethene           | 6440 ug/L                   |                           | 500                      | 100           |          | 06/26/07 09:02 | 127-18-4  |      |
| Toluene                     | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 79-00-5   |      |
| Trichloroethene             | 310 ug/L                    |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L                     |                           | 50.0                     | 10            |          | 06/26/07 08:25 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L                     |                           | 100                      | 10            |          | 06/26/07 08:25 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L                     |                           | 20.0                     | 10            |          | 06/26/07 08:25 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L                     |                           | 100                      | 10            |          | 06/26/07 08:25 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 105 %                       |                           | 82-122                   | 10            |          | 06/26/07 08:25 | 1868-53-7 | 1d   |
| 4-Bromofluorobenzene (S)    | 88 %                        |                           | 73-120                   | 10            |          | 06/26/07 08:25 | 460-00-4  |      |
| Toluene-d8 (S)              | 92 %                        |                           | 80-120                   | 10            |          | 06/26/07 08:25 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-09S           | Lab ID: 504664015 | Collected: 06/14/07 16:05   | Received: 06/15/07 14:54 | Matrix: Water |          |                |                             |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------------------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.                     | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |                             |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 09:40 | 67-64-1                     |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 09:40 | 107-02-8                    |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 09:40 | 107-13-1                    |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 71-43-2                     |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 108-86-1                    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 74-97-5                     |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 75-27-4                     |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 75-25-2                     |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 74-83-9                     |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 2-Butanone (MEK)            |      |
| Carbon disulfide            | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 09:40 | 78-93-3                     |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | n-Butylbenzene              |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | sec-Butylbenzene            |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | tert-Butylbenzene           |      |
| Chloroform                  | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 09:40 | Carbon disulfide            |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | Carbon tetrachloride        |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | Chlorobenzene               |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | Chloroethane                |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | Chloroform                  |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | Chloromethane               |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 2-Chlorotoluene             |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 4-Chlorotoluene             |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | Dibromochloromethane        |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 1,2-Dibromoethane (EDB)     |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 09:40 | Dibromomethane              |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 1,2-Dichlorobenzene         |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 1,3-Dichlorobenzene         |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 1,4-Dichlorobenzene         |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | trans-1,4-Dichloro-2-butene |      |
| cis-1,2-Dichloroethene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | Dichlorodifluoromethane     |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 1,1-Dichloroethane          |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 1,2-Dichloroethane          |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 1,1-Dichloroethene          |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | cis-1,2-Dichloroethene      |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | trans-1,2-Dichloroethene    |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 1,2-Dichloropropane         |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 1,3-Dichloropropane         |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 2,2-Dichloropropane         |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 09:40 | 1,1-Dichloropropene         |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | cis-1,3-Dichloropropene     |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 09:40 | trans-1,3-Dichloropropene   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 09:40 | Ethylbenzene                |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | Ethyl methacrylate          |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | Hexachloro-1,3-butadiene    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-09S           | Lab ID: 504664015 | Collected: 06/14/07 16:05   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 09:40 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/26/07 09:40 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 09:40 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 09:40 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L           |                             | 2.0                      | 1             |          | 06/26/07 09:40 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 09:40 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 107 %             |                             | 82-122                   | 1             |          | 06/26/07 09:40 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 90 %              |                             | 73-120                   | 1             |          | 06/26/07 09:40 | 460-00-4  |      |
| Toluene-d8 (S)              | 96 %              |                             | 80-120                   | 1             |          | 06/26/07 09:40 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-P-09D           | Lab ID: 504664016 | Collected: 06/14/07 15:50   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 10:18 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 10:18 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 10:18 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 75-25-2    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 74-83-9    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 98-06-6    |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 10:18 | 78-93-3    |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 104-51-8   |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 135-98-8   |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 98-06-6    |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 10:18 | 75-15-0    |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 106-93-4   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 10:18 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 10:18 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 10:18 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 10:18 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 10:18 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-09D           | Lab ID: 504664016           | Collected: 06/14/07 15:50 | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                             |                           |                          |               |          |                |           |      |
|                             | Analytical Method: EPA 8260 |                           |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L                     |                           | 25.0                     | 1             |          | 06/26/07 10:18 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L                     |                           | 4.0                      | 1             |          | 06/26/07 10:18 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 103-65-1  |      |
| Styrene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 127-18-4  |      |
| Toluene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 79-00-5   |      |
| Trichloroethene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 10:18 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L                     |                           | 10.0                     | 1             |          | 06/26/07 10:18 | 108-05-4  |      |
| Vinyl chloride              | 46.2 ug/L                   |                           | 2.0                      | 1             |          | 06/26/07 10:18 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L                     |                           | 10.0                     | 1             |          | 06/26/07 10:18 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 102 %                       |                           | 82-122                   | 1             |          | 06/26/07 10:18 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 89 %                        |                           | 73-120                   | 1             |          | 06/26/07 10:18 | 460-00-4  |      |
| Toluene-d8 (S)              | 94 %                        |                           | 80-120                   | 1             |          | 06/26/07 10:18 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MMW-P-10S           | Lab ID: 504664017 | Collected: 06/14/07 15:30   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 17:15 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 17:15 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 17:15 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 75-25-2    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 74-83-9    |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 17:15 | 78-93-3    |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 104-51-8   |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 135-98-8   |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 98-06-6    |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 17:15 | 75-15-0    |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 106-93-4   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 17:15 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 61.6 ug/L         |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | 6.9 ug/L          |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 17:15 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 17:15 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 17:15 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 17:15 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

| Sample: MMW-P-10S           | Lab ID: 504664017           | Collected: 06/14/07 15:30 | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             | Analytical Method: EPA 8260 |                           |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L                     |                           | 25.0                     | 1             |          | 06/26/07 17:15 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L                     |                           | 4.0                      | 1             |          | 06/26/07 17:15 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 103-65-1  |      |
| Styrene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 79-34-5   |      |
| Tetrachloroethene           | 36.1 ug/L                   |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 127-18-4  |      |
| Toluene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 79-00-5   |      |
| Trichloroethene             | 36.3 ug/L                   |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 17:15 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L                     |                           | 10.0                     | 1             |          | 06/26/07 17:15 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L                     |                           | 2.0                      | 1             |          | 06/26/07 17:15 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L                     |                           | 10.0                     | 1             |          | 06/26/07 17:15 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 104 %                       |                           | 82-122                   | 1             |          | 06/26/07 17:15 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 91 %                        |                           | 73-120                   | 1             |          | 06/26/07 17:15 | 460-00-4  |      |
| Toluene-d8 (S)              | 95 %                        |                           | 80-120                   | 1             |          | 06/26/07 17:15 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-10D           | Lab ID: 504664018 | Collected: 06/14/07 15:00   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 19:09 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 19:09 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 19:09 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 75-25-2    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 74-83-9    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 104-51-8   |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 19:09 | 135-98-8   |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 98-06-6    |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 541-73-1   |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 110-57-6   |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 19:09 | 56-23-5    |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 142-28-9   |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 108-90-7   |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 75-00-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 67-66-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 124-48-1   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 106-93-4   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 74-95-3    |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 594-20-7   |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 563-58-6   |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 10061-01-5 |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 10061-02-6 |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 19:09 | 142-28-9   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 100-41-4   |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 106-46-7   |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 108-86-1   |      |
| cis-1,2-Dichloroethene      | 481 ug/L          |                             | 50.0                     | 10            |          | 06/26/07 19:09 | 110-57-6   |      |
| trans-1,2-Dichloroethene    | 7.7 ug/L          |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 124-48-1   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 142-28-9   |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 156-59-2   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 156-60-5   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 156-60-5   |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 156-60-5   |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 19:09 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 19:09 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 19:09 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MMW-P-10D           | Lab ID: 504664018 | Collected: 06/14/07 15:00   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 19:09 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/26/07 19:09 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 79-00-5   |      |
| Trichloroethene             | 10.6 ug/L         |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 19:09 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 19:09 | 108-05-4  |      |
| Vinyl chloride              | 98.7 ug/L         |                             | 2.0                      | 1             |          | 06/26/07 19:09 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 19:09 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 103 %             |                             | 82-122                   | 1             |          | 06/26/07 19:09 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 92 %              |                             | 73-120                   | 1             |          | 06/26/07 19:09 | 460-00-4  |      |
| Toluene-d8 (S)              | 94 %              |                             | 80-120                   | 1             |          | 06/26/07 19:09 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MW-168S             | Lab ID: 504664019           | Collected: 06/14/07 13:20 | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| 8260 MSV                    | Analytical Method: EPA 8260 |                           |                          |               |          |                |            |      |
| Acetone                     | ND ug/L                     |                           | 100                      | 1             |          | 06/26/07 21:03 | 67-64-1    |      |
| Acrolein                    | ND ug/L                     |                           | 100                      | 1             |          | 06/26/07 21:03 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L                     |                           | 100                      | 1             |          | 06/26/07 21:03 | 107-13-1   |      |
| Benzene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 71-43-2    |      |
| Bromobenzene                | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 108-86-1   |      |
| Bromoform                   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 75-25-2    |      |
| Bromoform                   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 74-83-9    |      |
| Bromomethane                | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 98-06-6    |      |
| 2-Butanone (MEK)            | ND ug/L                     |                           | 25.0                     | 1             |          | 06/26/07 21:03 | 78-93-3    |      |
| n-Butylbenzene              | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 104-51-8   |      |
| sec-Butylbenzene            | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 135-98-8   |      |
| tert-Butylbenzene           | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 98-06-6    |      |
| Carbon disulfide            | ND ug/L                     |                           | 10.0                     | 1             |          | 06/26/07 21:03 | 75-15-0    |      |
| Carbon tetrachloride        | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 108-90-7   |      |
| Chloroethane                | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 75-00-3    |      |
| Chloroform                  | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 67-66-3    |      |
| Chloromethane               | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 106-93-4   |      |
| Dibromomethane              | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L                     |                           | 100                      | 1             |          | 06/26/07 21:03 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 40.8 ug/L                   |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L                     |                           | 100                      | 1             |          | 06/26/07 21:03 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L                     |                           | 25.0                     | 1             |          | 06/26/07 21:03 | 591-78-6   |      |
| Iodomethane                 | ND ug/L                     |                           | 10.0                     | 1             |          | 06/26/07 21:03 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 21:03 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: MW-168S             | Lab ID: 504664019 | Collected: 06/14/07 13:20   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 21:03 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/26/07 21:03 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:03 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 21:03 | 108-05-4  |      |
| Vinyl chloride              | 34.0 ug/L         |                             | 2.0                      | 1             |          | 06/26/07 21:03 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 21:03 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 103 %             |                             | 82-122                   | 1             |          | 06/26/07 21:03 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 88 %              |                             | 73-120                   | 1             |          | 06/26/07 21:03 | 460-00-4  |      |
| Toluene-d8 (S)              | 96 %              |                             | 80-120                   | 1             |          | 06/26/07 21:03 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: MW-168D             | Lab ID: 504664020 | Collected: 06/14/07 13:35   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 21:41 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 21:41 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 21:41 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 75-25-2    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 74-83-9    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 104-51-8   |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 21:41 | 135-98-8   |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 98-06-6    |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 541-73-1   |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 124-48-1   |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 21:41 | 56-23-5    |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 108-90-7   |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 75-00-3    |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 67-66-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 74-87-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 95-49-8    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 106-43-4   |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 110-57-6   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 142-28-9   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 594-20-7   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 563-58-6   |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 10061-01-5 |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 10061-02-6 |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 100-41-4   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 21:41 | 97-63-2    |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 100-41-4   |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 110-57-6   |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 110-57-6   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 124-48-1   |      |
| cis-1,2-Dichloroethene      | 5.2 ug/L          |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 142-28-9   |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 154-58-6   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 156-59-2   |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 156-60-5   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 156-60-5   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 156-59-2   |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 156-60-5   |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 156-59-2   |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 21:41 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 21:41 | 591-78-6   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 21:41 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 99-87-6    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

| Sample: MW-168D             | Lab ID: 504664020 | Collected: 06/14/07 13:35   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 21:41 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/26/07 21:41 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 21:41 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 21:41 | 108-05-4  |      |
| Vinyl chloride              | 47.5 ug/L         |                             | 2.0                      | 1             |          | 06/26/07 21:41 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 21:41 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 104 %             |                             | 82-122                   | 1             |          | 06/26/07 21:41 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 87 %              |                             | 73-120                   | 1             |          | 06/26/07 21:41 | 460-00-4  |      |
| Toluene-d8 (S)              | 97 %              |                             | 80-120                   | 1             |          | 06/26/07 21:41 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: SS-A-01             | Lab ID: 504664021           | Collected: 06/14/07 09:10 | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| 8260 MSV                    | Analytical Method: EPA 8260 |                           |                          |               |          |                |            |      |
| Acetone                     | ND ug/L                     |                           | 100                      | 1             |          | 06/26/07 22:19 | 67-64-1    |      |
| Acrolein                    | ND ug/L                     |                           | 100                      | 1             |          | 06/26/07 22:19 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L                     |                           | 100                      | 1             |          | 06/26/07 22:19 | 107-13-1   |      |
| Benzene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 71-43-2    |      |
| Bromobenzene                | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 108-86-1   |      |
| Bromoform                   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 75-25-2    |      |
| Bromoform                   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 74-83-9    |      |
| Bromomethane                | ND ug/L                     |                           | 25.0                     | 1             |          | 06/26/07 22:19 | 78-93-3    |      |
| 2-Butanone (MEK)            | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 104-51-8   |      |
| n-Butylbenzene              | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 135-98-8   |      |
| sec-Butylbenzene            | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 98-06-6    |      |
| tert-Butylbenzene           | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 75-15-0    |      |
| Carbon disulfide            | ND ug/L                     |                           | 10.0                     | 1             |          | 06/26/07 22:19 | 56-23-5    |      |
| Carbon tetrachloride        | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 108-90-7   |      |
| Chlorobenzene               | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 75-00-3    |      |
| Chloroethane                | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 67-66-3    |      |
| Chloroform                  | 11.0 ug/L                   |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 74-87-3    |      |
| Chloromethane               | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 95-49-8    |      |
| 2-Chlorotoluene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 106-43-4   |      |
| 4-Chlorotoluene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 124-48-1   |      |
| Dibromochloromethane        | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 106-93-4   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 74-95-3    |      |
| Dibromomethane              | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 95-50-1    |      |
| 1,2-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 541-73-1   |      |
| 1,3-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 106-46-7   |      |
| 1,4-Dichlorobenzene         | 9.8 ug/L                    |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 110-57-6   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L                     |                           | 100                      | 1             |          | 06/26/07 22:19 | 75-71-8    |      |
| Dichlorodifluoromethane     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 156-59-2   |      |
| 1,1-Dichloroethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 156-60-5   |      |
| 1,2-Dichloroethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 156-58-6   |      |
| cis-1,2-Dichloroethene      | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 10061-01-5 |      |
| trans-1,2-Dichloroethene    | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 10061-02-6 |      |
| 1,2-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 87-68-3    |      |
| 1,3-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 591-78-6   |      |
| 2,2-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 97-63-2    |      |
| 1,1-Dichloropropene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 100-41-4   |      |
| cis-1,3-Dichloropropene     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 142-28-9   |      |
| trans-1,3-Dichloropropene   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 563-58-6   |      |
| Ethylbenzene                | ND ug/L                     |                           | 100                      | 1             |          | 06/26/07 22:19 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L                     |                           | 25.0                     | 1             |          | 06/26/07 22:19 | 99-82-8    |      |
| Hexachloro-1,3-butadiene    | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 99-87-6    |      |
| 2-Hexanone                  | ND ug/L                     |                           | 10.0                     | 1             |          | 06/26/07 22:19 | 51-78-6    |      |
| Iodomethane                 | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 110-57-6   |      |
| p-Isopropyltoluene          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/26/07 22:19 | 124-48-1   |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

|                 |                   |                           |                          |               |
|-----------------|-------------------|---------------------------|--------------------------|---------------|
| Sample: SS-A-01 | Lab ID: 504664021 | Collected: 06/14/07 09:10 | Received: 06/15/07 14:54 | Matrix: Water |
|-----------------|-------------------|---------------------------|--------------------------|---------------|

| Parameters                  | Results | Units                       | Report Limit | DF | Prepared | Analyzed       | CAS No.   | Qual |
|-----------------------------|---------|-----------------------------|--------------|----|----------|----------------|-----------|------|
| <b>8260 MSV</b>             |         | Analytical Method: EPA 8260 |              |    |          |                |           |      |
| Methylene chloride          | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L |                             | 25.0         | 1  |          | 06/26/07 22:19 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L |                             | 4.0          | 1  |          | 06/26/07 22:19 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 103-65-1  |      |
| Styrene                     | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 127-18-4  |      |
| Toluene                     | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 79-00-5   |      |
| Trichloroethene             | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L |                             | 5.0          | 1  |          | 06/26/07 22:19 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L |                             | 10.0         | 1  |          | 06/26/07 22:19 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L |                             | 2.0          | 1  |          | 06/26/07 22:19 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L |                             | 10.0         | 1  |          | 06/26/07 22:19 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 102 %   |                             | 82-122       | 1  |          | 06/26/07 22:19 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 90 %    |                             | 73-120       | 1  |          | 06/26/07 22:19 | 460-00-4  |      |
| Toluene-d8 (S)              | 98 %    |                             | 80-120       | 1  |          | 06/26/07 22:19 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: SS-A-02             | Lab ID: 504664022 | Collected: 06/14/07 09:00   | Received: 06/15/07 14:54 | Matrix: Water |          |                |          |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.  | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |          |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 22:57 | 67-64-1  |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 22:57 | 107-02-8 |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 22:57 | 107-13-1 |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 71-43-2  |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 108-86-1 |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 74-97-5  |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 75-27-4  |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 75-25-2  |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 74-83-9  |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 78-93-3  |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 22:57 | 104-51-8 |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 135-98-8 |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 98-06-6  |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 75-15-0  |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 22:57 | 56-23-5  |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 108-90-7 |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 75-00-3  |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 67-66-3  |      |
| Chloroform                  | 11.5 ug/L         |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 74-87-3  |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 95-49-8  |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 106-43-4 |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 124-48-1 |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 142-59-8 |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 541-73-1 |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 75-34-3  |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 107-06-2 |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 156-59-2 |      |
| 1,4-Dichlorobenzene         | 11.0 ug/L         |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 156-60-5 |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 22:57 | 87-68-3  |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 594-20-7 |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 563-58-6 |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 100-41-4 |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 142-28-9 |      |
| cis-1,2-Dichloroethene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 100-41-4 |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 156-59-2 |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 156-60-5 |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 100-41-4 |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 100-41-4 |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 100-41-4 |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 100-41-4 |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 100-41-4 |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 87-68-3  |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/26/07 22:57 | 97-63-2  |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 591-78-6 |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 22:57 | 74-88-4  |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 22:57 | 99-87-6  |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 142-59-8 |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 156-59-2 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: SS-A-02             | Lab ID: 504664022 | Collected: 06/14/07 09:00   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/26/07 22:57 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/26/07 22:57 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/26/07 22:57 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 22:57 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L           |                             | 2.0                      | 1             |          | 06/26/07 22:57 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/26/07 22:57 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 105 %             |                             | 82-122                   | 1             |          | 06/26/07 22:57 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 85 %              |                             | 73-120                   | 1             |          | 06/26/07 22:57 | 460-00-4  |      |
| Toluene-d8 (S)              | 95 %              |                             | 80-120                   | 1             |          | 06/26/07 22:57 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: SS-A-03             | Lab ID: 504664023 | Collected: 06/14/07 09:20   | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/27/07 02:06 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/27/07 02:06 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/27/07 02:06 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 75-25-2    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 74-83-9    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 78-93-3    |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/27/07 02:06 | 104-51-8   |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 135-98-8   |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 98-06-6    |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 124-48-1   |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/27/07 02:06 | 56-23-5    |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 108-90-7   |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 75-00-3    |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 67-66-3    |      |
| Chloroform                  | 10.0 ug/L         |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 74-87-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 95-49-8    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 106-43-4   |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 142-28-9   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 594-20-7   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 563-58-6   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 156-59-2   |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 10061-01-5 |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 10061-02-6 |      |
| 1,4-Dichlorobenzene         | 9.6 ug/L          |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 100-41-4   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/27/07 02:06 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 142-28-9   |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 75-35-4    |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 156-60-5   |      |
| cis-1,2-Dichloroethene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 100-41-4   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 97-63-2    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 87-68-3    |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 591-78-6   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 99-87-6    |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 142-28-9   |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 100-41-4   |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/27/07 02:06 | 100-41-4   |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 100-41-4   |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/27/07 02:06 | 156-59-2   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/27/07 02:06 | 591-78-6   |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 99-87-6    |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 156-59-2   |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

| Sample: SS-A-03             | Lab ID: 504664023 | Collected: 06/14/07 09:20   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/27/07 02:06 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/27/07 02:06 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 02:06 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/27/07 02:06 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L           |                             | 2.0                      | 1             |          | 06/27/07 02:06 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/27/07 02:06 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 99 %              |                             | 82-122                   | 1             |          | 06/27/07 02:06 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 87 %              |                             | 73-120                   | 1             |          | 06/27/07 02:06 | 460-00-4  |      |
| Toluene-d8 (S)              | 97 %              |                             | 80-120                   | 1             |          | 06/27/07 02:06 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

| Sample: DUP                 | Lab ID: 504664024           | Collected: 06/14/07 00:00 | Received: 06/15/07 14:54 | Matrix: Water |          |                |            |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             | Analytical Method: EPA 8260 |                           |                          |               |          |                |            |      |
| Acetone                     | ND ug/L                     |                           | 100                      | 1             |          | 06/28/07 00:44 | 67-64-1    |      |
| Acrolein                    | ND ug/L                     |                           | 100                      | 1             |          | 06/28/07 00:44 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L                     |                           | 100                      | 1             |          | 06/28/07 00:44 | 107-13-1   |      |
| Benzene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 71-43-2    |      |
| Bromobenzene                | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 108-86-1   |      |
| Bromoform                   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 75-25-2    |      |
| Bromoform                   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 74-83-9    |      |
| Bromomethane                | ND ug/L                     |                           | 25.0                     | 1             |          | 06/28/07 00:44 | 78-93-3    |      |
| 2-Butanone (MEK)            | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 104-51-8   |      |
| n-Butylbenzene              | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 135-98-8   |      |
| sec-Butylbenzene            | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 98-06-6    |      |
| tert-Butylbenzene           | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 75-15-0    |      |
| Carbon disulfide            | ND ug/L                     |                           | 10.0                     | 1             |          | 06/28/07 00:44 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 108-90-7   |      |
| Chloroethane                | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 75-00-3    |      |
| Chloroform                  | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 67-66-3    |      |
| Chloromethane               | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 106-93-4   |      |
| Dibromomethane              | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L                     |                           | 100                      | 1             |          | 06/28/07 00:44 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 338 ug/L                    |                           | 50.0                     | 10            |          | 06/27/07 02:43 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | 13.1 ug/L                   |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L                     |                           | 100                      | 1             |          | 06/28/07 00:44 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L                     |                           | 25.0                     | 1             |          | 06/28/07 00:44 | 591-78-6   |      |
| Iodomethane                 | ND ug/L                     |                           | 10.0                     | 1             |          | 06/28/07 00:44 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L                     |                           | 5.0                      | 1             |          | 06/28/07 00:44 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: DUP                 | Lab ID: 504664024 | Collected: 06/14/07 00:00   | Received: 06/15/07 14:54 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 06/28/07 00:44 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 06/28/07 00:44 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 79-34-5   |      |
| Tetrachloroethene           | 32.6 ug/L         |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/28/07 00:44 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 06/28/07 00:44 | 108-05-4  |      |
| Vinyl chloride              | 101 ug/L          |                             | 2.0                      | 1             |          | 06/28/07 00:44 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 06/28/07 00:44 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 99 %              |                             | 82-122                   | 1             |          | 06/28/07 00:44 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 86 %              |                             | 73-120                   | 1             |          | 06/28/07 00:44 | 460-00-4  |      |
| Toluene-d8 (S)              | 97 %              |                             | 80-120                   | 1             |          | 06/28/07 00:44 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Sample: TRIP BLANK          | Lab ID: 504664025 | Collected: 06/14/07 00:00   | Received: 06/15/07 14:54 | Matrix: Water |          |                |             |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.     | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |             |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 06/27/07 03:59 | 67-64-1     |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 06/27/07 03:59 | 107-02-8    |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 06/27/07 03:59 | 107-13-1    |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 71-43-2     |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 108-86-1    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 74-97-5     |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 75-27-4     |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 75-25-2     |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 74-83-9     |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 78-93-3     |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 06/27/07 03:59 | 104-51-8    |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 135-98-8    |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 98-06-6     |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 75-15-0     |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 06/27/07 03:59 | 56-23-5     |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 108-90-7    |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 75-00-3     |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 67-66-3     |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 74-87-3     |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 95-49-8     |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 124-48-1    |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 106-93-4    |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 74-95-3     |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 95-50-1     |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 541-73-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 106-46-7    |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 110-57-6    |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 06/27/07 03:59 | 75-71-8     |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 594-20-7    |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 563-58-6    |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 100-61-01-5 |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 142-28-9    |      |
| cis-1,2-Dichloroethene      | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 156-59-2    |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 156-60-5    |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 87-68-3     |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 591-78-6    |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 97-63-2     |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 100-41-4    |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 142-28-9    |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 156-59-2    |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 100-41-4    |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 06/27/07 03:59 | 97-63-2     |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 87-68-3     |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 06/27/07 03:59 | 591-78-6    |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 06/27/07 03:59 | 74-88-4     |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 98-82-8     |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 06/27/07 03:59 | 99-87-6     |      |

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## ANALYTICAL RESULTS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Sample: TRIP BLANK          | Lab ID: 504664025 | Collected: 06/14/07 00:00 | Received: 06/15/07 14:54 | Matrix: Water |          |          |         |                             |
|-----------------------------|-------------------|---------------------------|--------------------------|---------------|----------|----------|---------|-----------------------------|
| Parameters                  | Results           | Units                     | Report Limit             | DF            | Prepared | Analyzed | CAS No. | Qual                        |
| <b>8260 MSV</b>             |                   |                           |                          |               |          |          |         | Analytical Method: EPA 8260 |
| Methylene chloride          | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 75-09-2      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                           | 25.0                     | 1             |          |          |         | 06/27/07 03:59 108-10-1     |
| Methyl-tert-butyl ether     | ND ug/L           |                           | 4.0                      | 1             |          |          |         | 06/27/07 03:59 1634-04-4    |
| Naphthalene                 | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 91-20-3      |
| n-Propylbenzene             | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 103-65-1     |
| Styrene                     | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 100-42-5     |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 630-20-6     |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 79-34-5      |
| Tetrachloroethene           | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 127-18-4     |
| Toluene                     | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 108-88-3     |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 87-61-6      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 120-82-1     |
| 1,1,1-Trichloroethane       | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 71-55-6      |
| 1,1,2-Trichloroethane       | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 79-00-5      |
| Trichloroethene             | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 79-01-6      |
| Trichlorofluoromethane      | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 75-69-4      |
| 1,2,3-Trichloropropane      | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 96-18-4      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 95-63-6      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                           | 5.0                      | 1             |          |          |         | 06/27/07 03:59 108-67-8     |
| Vinyl acetate               | ND ug/L           |                           | 10.0                     | 1             |          |          |         | 06/27/07 03:59 108-05-4     |
| Vinyl chloride              | ND ug/L           |                           | 2.0                      | 1             |          |          |         | 06/27/07 03:59 75-01-4      |
| Xylene (Total)              | ND ug/L           |                           | 10.0                     | 1             |          |          |         | 06/27/07 03:59 1330-20-7    |
| Dibromofluoromethane (S)    | 105 %             |                           | 82-122                   | 1             |          |          |         | 06/27/07 03:59 1868-53-7    |
| 4-Bromofluorobenzene (S)    | 82 %              |                           | 73-120                   | 1             |          |          |         | 06/27/07 03:59 460-00-4     |
| Toluene-d8 (S)              | 94 %              |                           | 80-120                   | 1             |          |          |         | 06/27/07 03:59 2037-26-5    |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

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|                  |          |                       |          |
|------------------|----------|-----------------------|----------|
| QC Batch:        | MSV/3203 | Analysis Method:      | EPA 8260 |
| QC Batch Method: | EPA 8260 | Analysis Description: | 8260 MSV |

Associated Lab Samples: 504664002, 504664003, 504664004, 504664005, 504664006, 504664007, 504664008, 504664009

METHOD BLANK: 47621

Associated Lab Samples: 504664002, 504664003, 504664004, 504664005, 504664006, 504664007, 504664008, 504664009

| Parameter                   | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------------|
| 1,1,1,2-Tetrachloroethane   | ug/L  | ND           | 5.0             |            |
| 1,1,1-Trichloroethane       | ug/L  | ND           | 5.0             |            |
| 1,1,2,2-Tetrachloroethane   | ug/L  | ND           | 5.0             |            |
| 1,1,2-Trichloroethane       | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloroethane          | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloroethene          | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloropropene         | ug/L  | ND           | 5.0             |            |
| 1,2,3-Trichlorobenzene      | ug/L  | ND           | 5.0             |            |
| 1,2,3-Trichloropropane      | ug/L  | ND           | 5.0             |            |
| 1,2,4-Trichlorobenzene      | ug/L  | ND           | 5.0             |            |
| 1,2,4-Trimethylbenzene      | ug/L  | ND           | 5.0             |            |
| 1,2-Dibromoethane (EDB)     | ug/L  | ND           | 5.0             |            |
| 1,2-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 1,2-Dichloroethane          | ug/L  | ND           | 5.0             |            |
| 1,2-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 1,3,5-Trimethylbenzene      | ug/L  | ND           | 5.0             |            |
| 1,3-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 1,3-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 1,4-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 2,2-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 2-Butanone (MEK)            | ug/L  | ND           | 25.0            |            |
| 2-Chlorotoluene             | ug/L  | ND           | 5.0             |            |
| 2-Hexanone                  | ug/L  | ND           | 25.0            |            |
| 4-Chlorotoluene             | ug/L  | ND           | 5.0             |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | ND           | 25.0            |            |
| Acetone                     | ug/L  | ND           | 100             |            |
| Acrolein                    | ug/L  | ND           | 100             |            |
| Acrylonitrile               | ug/L  | ND           | 100             |            |
| Benzene                     | ug/L  | ND           | 5.0             |            |
| Bromobenzene                | ug/L  | ND           | 5.0             |            |
| Bromochloromethane          | ug/L  | ND           | 5.0             |            |
| Bromodichloromethane        | ug/L  | ND           | 5.0             |            |
| Bromoform                   | ug/L  | ND           | 5.0             |            |
| Bromomethane                | ug/L  | ND           | 5.0             |            |
| Carbon disulfide            | ug/L  | ND           | 10.0            |            |
| Carbon tetrachloride        | ug/L  | ND           | 5.0             |            |
| Chlorobenzene               | ug/L  | ND           | 5.0             |            |
| Chloroethane                | ug/L  | ND           | 5.0             |            |
| Chloroform                  | ug/L  | ND           | 5.0             |            |
| Chloromethane               | ug/L  | ND           | 5.0             |            |
| cis-1,2-Dichloroethene      | ug/L  | ND           | 5.0             |            |
| cis-1,3-Dichloropropene     | ug/L  | ND           | 5.0             |            |
| Dibromochloromethane        | ug/L  | ND           | 5.0             |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

METHOD BLANK: 47621

Associated Lab Samples: 504664002, 504664003, 504664004, 504664005, 504664006, 504664007, 504664008, 504664009

| Parameter                   | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------------|
| Dibromomethane              | ug/L  | ND           | 5.0             |            |
| Dichlorodifluoromethane     | ug/L  | ND           | 5.0             |            |
| Ethyl methacrylate          | ug/L  | ND           | 100             |            |
| Ethylbenzene                | ug/L  | ND           | 5.0             |            |
| Hexachloro-1,3-butadiene    | ug/L  | ND           | 5.0             |            |
| Iodomethane                 | ug/L  | ND           | 10.0            |            |
| Isopropylbenzene (Cumene)   | ug/L  | ND           | 5.0             |            |
| Methyl-tert-butyl ether     | ug/L  | ND           | 4.0             |            |
| Methylene chloride          | ug/L  | ND           | 5.0             |            |
| n-Butylbenzene              | ug/L  | ND           | 5.0             |            |
| n-Propylbenzene             | ug/L  | ND           | 5.0             |            |
| Naphthalene                 | ug/L  | ND           | 5.0             |            |
| p-Isopropyltoluene          | ug/L  | ND           | 5.0             |            |
| sec-Butylbenzene            | ug/L  | ND           | 5.0             |            |
| Styrene                     | ug/L  | ND           | 5.0             |            |
| tert-Butylbenzene           | ug/L  | ND           | 5.0             |            |
| Tetrachloroethene           | ug/L  | ND           | 5.0             |            |
| Toluene                     | ug/L  | ND           | 5.0             |            |
| trans-1,2-Dichloroethene    | ug/L  | ND           | 5.0             |            |
| trans-1,3-Dichloropropene   | ug/L  | ND           | 5.0             |            |
| trans-1,4-Dichloro-2-butene | ug/L  | ND           | 100             |            |
| Trichloroethene             | ug/L  | ND           | 5.0             |            |
| Trichlorofluoromethane      | ug/L  | ND           | 5.0             |            |
| Vinyl acetate               | ug/L  | ND           | 10.0            |            |
| Vinyl chloride              | ug/L  | ND           | 2.0             |            |
| Xylene (Total)              | ug/L  | ND           | 10.0            |            |
| 4-Bromofluorobenzene (S)    | %     | 91           | 73-120          |            |
| Dibromofluoromethane (S)    | %     | 94           | 82-122          |            |
| Toluene-d8 (S)              | %     | 96           | 80-120          |            |

LABORATORY CONTROL SAMPLE: 47622

| Parameter                 | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L  | 50          | 42.5       | 85        | 70-126       |            |
| 1,1,1-Trichloroethane     | ug/L  | 50          | 40.2       | 80        | 70-128       |            |
| 1,1,2,2-Tetrachloroethane | ug/L  | 50          | 46.8       | 94        | 66-134       |            |
| 1,1,2-Trichloroethane     | ug/L  | 50          | 45.9       | 92        | 71-131       |            |
| 1,1-Dichloroethane        | ug/L  | 50          | 40.0       | 80        | 72-125       |            |
| 1,1-Dichloroethene        | ug/L  | 50          | 45.2       | 90        | 66-140       |            |
| 1,1-Dichloropropene       | ug/L  | 50          | 43.5       | 87        | 72-125       |            |
| 1,2,3-Trichlorobenzene    | ug/L  | 50          | 45.2       | 90        | 63-130       |            |
| 1,2,3-Trichloropropane    | ug/L  | 50          | 39.5       | 79        | 50-139       |            |
| 1,2,4-Trichlorobenzene    | ug/L  | 50          | 41.2       | 82        | 61-129       |            |
| 1,2,4-Trimethylbenzene    | ug/L  | 50          | 45.5       | 91        | 72-128       |            |
| 1,2-Dibromoethane (EDB)   | ug/L  | 50          | 45.4       | 91        | 70-130       |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

LABORATORY CONTROL SAMPLE: 47622

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,2-Dichlorobenzene         | ug/L  | 50          | 48.4       | 97        | 72-129       |            |
| 1,2-Dichloroethane          | ug/L  | 50          | 43.3       | 87        | 66-131       |            |
| 1,2-Dichloropropane         | ug/L  | 50          | 44.2       | 88        | 72-125       |            |
| 1,3,5-Trimethylbenzene      | ug/L  | 50          | 47.4       | 95        | 72-130       |            |
| 1,3-Dichlorobenzene         | ug/L  | 50          | 46.2       | 92        | 74-128       |            |
| 1,3-Dichloropropane         | ug/L  | 50          | 43.7       | 87        | 70-130       |            |
| 1,4-Dichlorobenzene         | ug/L  | 50          | 43.4       | 87        | 72-124       |            |
| 2,2-Dichloropropane         | ug/L  | 50          | 35.4       | 71        | 62-134       |            |
| 2-Butanone (MEK)            | ug/L  | 250         | 224        | 90        | 44-150       |            |
| 2-Chlorotoluene             | ug/L  | 50          | 44.3       | 89        | 74-133       |            |
| 2-Hexanone                  | ug/L  | 250         | 234        | 94        | 38-150       |            |
| 4-Chlorotoluene             | ug/L  | 50          | 44.9       | 90        | 73-129       |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | 250         | 233        | 93        | 55-142       |            |
| Acetone                     | ug/L  | 250         | 204        | 82        | 29-150       |            |
| Acrylonitrile               | ug/L  | 1000        | 962        | 96        | 50-150       |            |
| Benzene                     | ug/L  | 50          | 47.7       | 95        | 75-126       |            |
| Bromobenzene                | ug/L  | 50          | 47.5       | 95        | 72-129       |            |
| Bromoform                   | ug/L  | 50          | 45.2       | 90        | 67-139       |            |
| Bromodichloromethane        | ug/L  | 50          | 41.2       | 82        | 70-130       |            |
| Bromomethane                | ug/L  | 50          | 40.9       | 82        | 63-127       |            |
| Bromomethane                | ug/L  | 50          | 46.0       | 92        | 43-146       |            |
| Carbon disulfide            | ug/L  | 100         | 100        | 100       | 52-172       |            |
| Carbon tetrachloride        | ug/L  | 50          | 37.1       | 74        | 65-125       |            |
| Chlorobenzene               | ug/L  | 50          | 45.6       | 91        | 74-123       |            |
| Chloroethane                | ug/L  | 50          | 49.9       | 100       | 61-141       |            |
| Chloroform                  | ug/L  | 50          | 45.3       | 91        | 68-127       |            |
| Chloromethane               | ug/L  | 50          | 50.4       | 101       | 42-138       |            |
| cis-1,2-Dichloroethene      | ug/L  | 50          | 45.3       | 91        | 77-132       |            |
| cis-1,3-Dichloropropene     | ug/L  | 50          | 34.9       | 70        | 60-119       |            |
| Dibromochloromethane        | ug/L  | 50          | 40.7       | 81        | 72-133       |            |
| Dibromomethane              | ug/L  | 50          | 43.5       | 87        | 76-133       |            |
| Dichlorodifluoromethane     | ug/L  | 50          | 57.5       | 115       | 50-179       |            |
| Ethyl methacrylate          | ug/L  | 50          | ND         | 81        | 70-130       |            |
| Ethylbenzene                | ug/L  | 50          | 48.8       | 98        | 70-129       |            |
| Hexachloro-1,3-butadiene    | ug/L  | 50          | 47.9       | 96        | 71-132       |            |
| Iodomethane                 | ug/L  | 100         | 104        | 104       | 70-130       |            |
| Isopropylbenzene (Cumene)   | ug/L  | 50          | 48.3       | 97        | 74-126       |            |
| Methyl-tert-butyl ether     | ug/L  | 100         | 91.5       | 91        | 68-139       |            |
| Methylene chloride          | ug/L  | 50          | 22.9       | 46        | 50-119 LO    |            |
| n-Butylbenzene              | ug/L  | 50          | 46.5       | 93        | 70-130       |            |
| n-Propylbenzene             | ug/L  | 50          | 45.0       | 90        | 74-135       |            |
| Naphthalene                 | ug/L  | 50          | 43.5       | 87        | 56-134       |            |
| p-Isopropyltoluene          | ug/L  | 50          | 44.1       | 88        | 70-133       |            |
| sec-Butylbenzene            | ug/L  | 50          | 46.0       | 92        | 75-133       |            |
| Styrene                     | ug/L  | 50          | 45.8       | 92        | 75-125       |            |
| tert-Butylbenzene           | ug/L  | 50          | 37.8       | 76        | 69-121       |            |
| Tetrachloroethene           | ug/L  | 50          | 37.2       | 74        | 55-121       |            |
| Toluene                     | ug/L  | 50          | 44.8       | 90        | 72-126       |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

LABORATORY CONTROL SAMPLE: 47622

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| trans-1,2-Dichloroethene    | ug/L  | 50          | 45.1       | 90        | 73-131       |            |
| trans-1,3-Dichloropropene   | ug/L  | 50          | 34.9       | 70        | 59-119       |            |
| trans-1,4-Dichloro-2-butene | ug/L  | 50          | 38.3J      | 77        | 50-150       |            |
| Trichloroethene             | ug/L  | 50          | 43.6       | 87        | 73-123       |            |
| Trichlorofluoromethane      | ug/L  | 50          | 48.4       | 97        | 65-145       |            |
| Vinyl acetate               | ug/L  | 200         | 195        | 98        | 50-150       |            |
| Vinyl chloride              | ug/L  | 50          | 50.3       | 101       | 54-139       |            |
| Xylene (Total)              | ug/L  | 150         | 135        | 90        | 72-127       |            |
| 4-Bromofluorobenzene (S)    | %     |             |            | 105       | 73-120       |            |
| Dibromofluoromethane (S)    | %     |             |            | 99        | 82-122       |            |
| Toluene-d8 (S)              | %     |             |            | 96        | 80-120       |            |

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 47623

47624

| Parameter                   | Units | 504664004 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | Max RPD | Qual |
|-----------------------------|-------|------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|---------|---------|------|
| 1,1,1,2-Tetrachloroethane   | ug/L  | ND               | 50             | 50              | 41.8      | 41.0       | 84       | 82        | 54-134       | 2       | 20      |      |
| 1,1,1-Trichloroethane       | ug/L  | ND               | 50             | 50              | 40.1      | 40.9       | 80       | 82        | 63-130       | 2       | 20      |      |
| 1,1,2,2-Tetrachloroethane   | ug/L  | ND               | 50             | 50              | 47.3      | 48.1       | 95       | 96        | 59-139       | 2       | 20      |      |
| 1,1,2-Trichloroethane       | ug/L  | ND               | 50             | 50              | 46.7      | 46.6       | 93       | 93        | 64-136       | 0       | 20      |      |
| 1,1-Dichloroethane          | ug/L  | ND               | 50             | 50              | 41.4      | 42.2       | 83       | 84        | 67-129       | 2       | 20      |      |
| 1,1-Dichloroethene          | ug/L  | ND               | 50             | 50              | 45.0      | 47.4       | 90       | 95        | 59-150       | 5       | 20      |      |
| 1,1-Dichloropropene         | ug/L  | ND               | 50             | 50              | 44.2      | 44.9       | 88       | 90        | 68-127       | 2       | 20      |      |
| 1,2,3-Trichlorobenzene      | ug/L  | ND               | 50             | 50              | 41.9      | 41.5       | 84       | 83        | 39-136       | 1       | 20      |      |
| 1,2,3-Trichloropropane      | ug/L  | ND               | 50             | 50              | 49.8      | 38.1       | 100      | 76        | 41-137       | 27      | 20      | R1   |
| 1,2,4-Trichlorobenzene      | ug/L  | ND               | 50             | 50              | 36.1      | 39.0       | 72       | 78        | 34-137       | 8       | 20      |      |
| 1,2,4-Trimethylbenzene      | ug/L  | ND               | 50             | 50              | 45.5      | 46.2       | 91       | 92        | 36-143       | 1       | 20      |      |
| 1,2-Dibromoethane (EDB)     | ug/L  | ND               | 50             | 50              | 44.9      | 45.3       | 90       | 91        | 64-132       | 1       | 20      |      |
| 1,2-Dichlorobenzene         | ug/L  | ND               | 50             | 50              | 47.4      | 46.3       | 95       | 93        | 52-136       | 2       | 20      |      |
| 1,2-Dichloroethane          | ug/L  | ND               | 50             | 50              | 44.4      | 44.1       | 89       | 88        | 62-134       | 1       | 20      |      |
| 1,2-Dichloropropane         | ug/L  | ND               | 50             | 50              | 47.0      | 46.2       | 94       | 92        | 67-128       | 2       | 20      |      |
| 1,3,5-Trimethylbenzene      | ug/L  | ND               | 50             | 50              | 47.4      | 46.9       | 95       | 94        | 33-145       | 1       | 20      |      |
| 1,3-Dichlorobenzene         | ug/L  | ND               | 50             | 50              | 46.1      | 44.9       | 92       | 90        | 47-139       | 3       | 20      |      |
| 1,3-Dichloropropane         | ug/L  | ND               | 50             | 50              | 44.7      | 46.0       | 89       | 92        | 63-134       | 3       | 20      |      |
| 1,4-Dichlorobenzene         | ug/L  | ND               | 50             | 50              | 42.6      | 44.0       | 85       | 88        | 46-135       | 3       | 20      |      |
| 2,2-Dichloropropane         | ug/L  | ND               | 50             | 50              | 34.7      | 35.0       | 69       | 70        | 51-136       | 1       | 20      |      |
| 2-Butanone (MEK)            | ug/L  | ND               | 250            | 250             | 235       | 229        | 94       | 92        | 54-148       | 3       | 20      |      |
| 2-Chlorotoluene             | ug/L  | ND               | 50             | 50              | 45.2      | 44.8       | 90       | 90        | 43-147       | 1       | 20      |      |
| 2-Hexanone                  | ug/L  | ND               | 250            | 250             | 226       | 234        | 90       | 94        | 60-140       | 4       | 20      |      |
| 4-Chlorotoluene             | ug/L  | ND               | 50             | 50              | 44.4      | 43.4       | 89       | 87        | 46-139       | 2       | 20      |      |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | ND               | 250            | 250             | 227       | 234        | 91       | 94        | 56-147       | 3       | 20      |      |
| Acetone                     | ug/L  | ND               | 250            | 250             | 216       | 212        | 86       | 85        | 27-163       | 2       | 20      |      |
| Acrylonitrile               | ug/L  | ND               | 1000           | 1000            | 988       | 968        | 99       | 97        | 50-150       | 2       | 20      |      |
| Benzene                     | ug/L  | ND               | 50             | 50              | 49.4      | 49.7       | 99       | 99        | 66-135       | 1       | 20      |      |
| Bromobenzene                | ug/L  | ND               | 50             | 50              | 48.5      | 46.1       | 97       | 92        | 57-135       | 5       | 20      |      |
| Bromochloromethane          | ug/L  | ND               | 50             | 50              | 46.9      | 45.2       | 94       | 90        | 61-142       | 4       | 20      |      |
| Bromodichloromethane        | ug/L  | ND               | 50             | 50              | 42.0      | 41.2       | 84       | 82        | 60-135       | 2       | 20      |      |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Parameter                   | Units | 504664004 |             | 47623     |            | 47624     |            | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD | Qual |
|-----------------------------|-------|-----------|-------------|-----------|------------|-----------|------------|----------|-----------|--------------|---------|-----|------|
|                             |       | Result    | Spike Conc. | MS Result | MSD Result | MS Result | MSD Result |          |           |              |         |     |      |
| Bromoform                   | ug/L  | ND        | 50          | 50        | 40.1       | 39.5      | 80         | 79       | 50-127    | 2            | 20      |     |      |
| Bromomethane                | ug/L  | ND        | 50          | 50        | 47.2       | 46.4      | 94         | 93       | 32-148    | 2            | 20      |     |      |
| Carbon disulfide            | ug/L  | ND        | 100         | 100       | 102        | 102       | 102        | 102      | 46-173    | 0            | 20      |     |      |
| Carbon tetrachloride        | ug/L  | ND        | 50          | 50        | 35.8       | 36.0      | 72         | 72       | 51-130    | 0            | 20      |     |      |
| Chlorobenzene               | ug/L  | ND        | 50          | 50        | 43.6       | 46.5      | 87         | 93       | 59-135    | 7            | 20      |     |      |
| Chloroethane                | ug/L  | ND        | 50          | 50        | 48.7       | 49.7      | 97         | 99       | 58-153    | 2            | 20      |     |      |
| Chloroform                  | ug/L  | ND        | 50          | 50        | 45.3       | 46.3      | 91         | 93       | 61-133    | 2            | 20      |     |      |
| Chloromethane               | ug/L  | ND        | 50          | 50        | 49.5       | 51.1      | 99         | 102      | 44-135    | 3            | 20      |     |      |
| cis-1,2-Dichloroethene      | ug/L  | ND        | 50          | 50        | 51.9       | 52.0      | 95         | 95       | 75-133    | 0            | 20      |     |      |
| cis-1,3-Dichloropropene     | ug/L  | ND        | 50          | 50        | 33.2       | 34.9      | 66         | 70       | 51-121    | 5            | 20      |     |      |
| Dibromochloromethane        | ug/L  | ND        | 50          | 50        | 39.5       | 42.2      | 79         | 84       | 56-139    | 7            | 20      |     |      |
| Dibromomethane              | ug/L  | ND        | 50          | 50        | 44.6       | 43.1      | 89         | 86       | 70-136    | 3            | 20      |     |      |
| Dichlorodifluoromethane     | ug/L  | ND        | 50          | 50        | 55.6       | 56.3      | 111        | 113      | 25-175    | 1            | 20      |     |      |
| Ethyl methacrylate          | ug/L  | ND        | 50          | 50        | ND         | ND        | 78         | 82       | 50-150    | 6            | 20      |     |      |
| Ethylbenzene                | ug/L  | ND        | 50          | 50        | 48.9       | 48.4      | 98         | 97       | 59-143    | 1            | 20      |     |      |
| Hexachloro-1,3-butadiene    | ug/L  | ND        | 50          | 50        | 44.1       | 42.2      | 88         | 84       | 50-155    | 5            | 20      |     |      |
| Iodomethane                 | ug/L  | ND        | 100         | 100       | 101        | 104       | 101        | 104      | 70-130    | 3            | 20      |     |      |
| Isopropylbenzene (Cumene)   | ug/L  | ND        | 50          | 50        | 47.9       | 49.5      | 96         | 99       | 48-139    | 3            | 20      |     |      |
| Methyl-tert-butyl ether     | ug/L  | ND        | 100         | 100       | 93.6       | 94.7      | 94         | 95       | 62-147    | 1            | 20      |     |      |
| Methylene chloride          | ug/L  | ND        | 50          | 50        | 40.4       | 40.8      | 81         | 82       | 46-119    | 1            | 20      |     |      |
| n-Butylbenzene              | ug/L  | ND        | 50          | 50        | 45.5       | 46.1      | 91         | 92       | 50-156    | 1            | 20      |     |      |
| n-Propylbenzene             | ug/L  | ND        | 50          | 50        | 46.2       | 45.1      | 92         | 90       | 33-153    | 2            | 20      |     |      |
| Naphthalene                 | ug/L  | ND        | 50          | 50        | 39.0       | 50.0      | 78         | 100      | 40-136    | 25           | 20      | R1  |      |
| p-Isopropyltoluene          | ug/L  | ND        | 50          | 50        | 43.8       | 43.8      | 88         | 88       | 38-143    | 0            | 20      |     |      |
| sec-Butylbenzene            | ug/L  | ND        | 50          | 50        | 45.5       | 46.7      | 91         | 93       | 35-151    | 3            | 20      |     |      |
| Styrene                     | ug/L  | ND        | 50          | 50        | 44.7       | 44.7      | 89         | 89       | 53-133    | 0            | 20      |     |      |
| tert-Butylbenzene           | ug/L  | ND        | 50          | 50        | 43.4       | 43.5      | 87         | 87       | 37-136    | 0            | 20      |     |      |
| Tetrachloroethene           | ug/L  | 77.6      | 50          | 50        | 96.4       | 96.6      | 38         | 38       | 40-127    | 0            | 20      | M0  |      |
| Toluene                     | ug/L  | ND        | 50          | 50        | 44.8       | 45.3      | 90         | 91       | 63-137    | 1            | 20      |     |      |
| trans-1,2-Dichloroethene    | ug/L  | ND        | 50          | 50        | 46.2       | 46.4      | 92         | 93       | 70-134    | 0            | 20      |     |      |
| trans-1,3-Dichloropropene   | ug/L  | ND        | 50          | 50        | 32.1       | 32.4      | 64         | 65       | 49-121    | 1            | 20      |     |      |
| trans-1,4-Dichloro-2-butene | ug/L  | ND        | 50          | 50        | 35.1J      | 36.9J     | 70         | 74       | 50-150    | 5            | 20      |     |      |
| Trichloroethene             | ug/L  | ND        | 50          | 50        | 47.1       | 45.3      | 90         | 87       | 61-131    | 4            | 20      |     |      |
| Trichlorofluoromethane      | ug/L  | ND        | 50          | 50        | 48.9       | 49.9      | 98         | 100      | 64-146    | 2            | 20      |     |      |
| Vinyl acetate               | ug/L  | ND        | 200         | 200       | 187        | 194       | 94         | 97       | 50-150    | 3            | 20      |     |      |
| Vinyl chloride              | ug/L  | ND        | 50          | 50        | 49.3       | 50.2      | 99         | 100      | 54-140    | 2            | 20      |     |      |
| Xylene (Total)              | ug/L  | ND        | 150         | 150       | 136        | 136       | 91         | 91       | 54-140    | 0            | 20      |     |      |
| 4-Bromofluorobenzene (S)    | %     |           |             |           |            |           | 101        | 103      | 73-120    |              | 20      |     |      |
| Dibromofluoromethane (S)    | %     |           |             |           |            |           | 101        | 99       | 82-122    |              | 20      |     |      |
| Toluene-d8 (S)              | %     |           |             |           |            |           | 96         | 96       | 80-120    |              | 20      |     |      |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

QC Batch: MSV/3239 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 8260 MSV

Associated Lab Samples: 504664010, 504664011, 504664012, 504664013, 504664014, 504664015, 504664016

METHOD BLANK: 48189

Associated Lab Samples: 504664010, 504664011, 504664012, 504664013, 504664014, 504664015, 504664016

| Parameter                   | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------------|
| 1,1,1,2-Tetrachloroethane   | ug/L  | ND           | 5.0             |            |
| 1,1,1-Trichloroethane       | ug/L  | ND           | 5.0             |            |
| 1,1,2,2-Tetrachloroethane   | ug/L  | ND           | 5.0             |            |
| 1,1,2-Trichloroethane       | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloroethane          | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloroethene          | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloropropene         | ug/L  | ND           | 5.0             |            |
| 1,2,3-Trichlorobenzene      | ug/L  | ND           | 5.0             |            |
| 1,2,3-Trichloropropane      | ug/L  | ND           | 5.0             |            |
| 1,2,4-Trichlorobenzene      | ug/L  | ND           | 5.0             |            |
| 1,2,4-Trimethylbenzene      | ug/L  | ND           | 5.0             |            |
| 1,2-Dibromoethane (EDB)     | ug/L  | ND           | 5.0             |            |
| 1,2-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 1,2-Dichloroethane          | ug/L  | ND           | 5.0             |            |
| 1,2-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 1,3,5-Trimethylbenzene      | ug/L  | ND           | 5.0             |            |
| 1,3-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 1,3-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 1,4-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 2,2-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 2-Butanone (MEK)            | ug/L  | ND           | 25.0            |            |
| 2-Chlorotoluene             | ug/L  | ND           | 5.0             |            |
| 2-Hexanone                  | ug/L  | ND           | 25.0            |            |
| 4-Chlorotoluene             | ug/L  | ND           | 5.0             |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | ND           | 25.0            |            |
| Acetone                     | ug/L  | ND           | 100             |            |
| Acrolein                    | ug/L  | ND           | 100             |            |
| Acrylonitrile               | ug/L  | ND           | 100             |            |
| Benzene                     | ug/L  | ND           | 5.0             |            |
| Bromobenzene                | ug/L  | ND           | 5.0             |            |
| Bromochloromethane          | ug/L  | ND           | 5.0             |            |
| Bromodichloromethane        | ug/L  | ND           | 5.0             |            |
| Bromoform                   | ug/L  | ND           | 5.0             |            |
| Bromomethane                | ug/L  | ND           | 5.0             |            |
| Carbon disulfide            | ug/L  | ND           | 10.0            |            |
| Carbon tetrachloride        | ug/L  | ND           | 5.0             |            |
| Chlorobenzene               | ug/L  | ND           | 5.0             |            |
| Chloroethane                | ug/L  | ND           | 5.0             |            |
| Chloroform                  | ug/L  | ND           | 5.0             |            |
| Chloromethane               | ug/L  | ND           | 5.0             |            |
| cis-1,2-Dichloroethene      | ug/L  | ND           | 5.0             |            |
| cis-1,3-Dichloropropene     | ug/L  | ND           | 5.0             |            |
| Dibromochloromethane        | ug/L  | ND           | 5.0             |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

METHOD BLANK: 48189

Associated Lab Samples: 504664010, 504664011, 504664012, 504664013, 504664014, 504664015, 504664016

| Parameter                   | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------------|
| Dibromomethane              | ug/L  | ND           | 5.0             |            |
| Dichlorodifluoromethane     | ug/L  | ND           | 5.0             |            |
| Ethyl methacrylate          | ug/L  | ND           | 100             |            |
| Ethylbenzene                | ug/L  | ND           | 5.0             |            |
| Hexachloro-1,3-butadiene    | ug/L  | ND           | 5.0             |            |
| Iodomethane                 | ug/L  | ND           | 10.0            |            |
| Isopropylbenzene (Cumene)   | ug/L  | ND           | 5.0             |            |
| Methyl-tert-butyl ether     | ug/L  | ND           | 4.0             |            |
| Methylene chloride          | ug/L  | ND           | 5.0             |            |
| n-Butylbenzene              | ug/L  | ND           | 5.0             |            |
| n-Propylbenzene             | ug/L  | ND           | 5.0             |            |
| Naphthalene                 | ug/L  | ND           | 5.0             |            |
| p-Isopropyltoluene          | ug/L  | ND           | 5.0             |            |
| sec-Butylbenzene            | ug/L  | ND           | 5.0             |            |
| Styrene                     | ug/L  | ND           | 5.0             |            |
| tert-Butylbenzene           | ug/L  | ND           | 5.0             |            |
| Tetrachloroethene           | ug/L  | ND           | 5.0             |            |
| Toluene                     | ug/L  | ND           | 5.0             |            |
| trans-1,2-Dichloroethene    | ug/L  | ND           | 5.0             |            |
| trans-1,3-Dichloropropene   | ug/L  | ND           | 5.0             |            |
| trans-1,4-Dichloro-2-butene | ug/L  | ND           | 100             |            |
| Trichloroethene             | ug/L  | ND           | 5.0             |            |
| Trichlorofluoromethane      | ug/L  | ND           | 5.0             |            |
| Vinyl acetate               | ug/L  | ND           | 10.0            |            |
| Vinyl chloride              | ug/L  | ND           | 2.0             |            |
| Xylene (Total)              | ug/L  | ND           | 10.0            |            |
| 4-Bromofluorobenzene (S)    | %     | 94           | 73-120          |            |
| Dibromofluoromethane (S)    | %     | 106          | 82-122          |            |
| Toluene-d8 (S)              | %     | 95           | 80-120          |            |

LABORATORY CONTROL SAMPLE: 48190

| Parameter                 | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L  | 50          | 39.0       | 78        | 70-126       |            |
| 1,1,1-Trichloroethane     | ug/L  | 50          | 39.8       | 80        | 70-128       |            |
| 1,1,2,2-Tetrachloroethane | ug/L  | 50          | 44.2       | 88        | 66-134       |            |
| 1,1,2-Trichloroethane     | ug/L  | 50          | 46.6       | 93        | 71-131       |            |
| 1,1-Dichloroethane        | ug/L  | 50          | 42.0       | 84        | 72-125       |            |
| 1,1-Dichloroethene        | ug/L  | 50          | 46.5       | 93        | 66-140       |            |
| 1,1-Dichloropropene       | ug/L  | 50          | 45.1       | 90        | 72-125       |            |
| 1,2,3-Trichlorobenzene    | ug/L  | 50          | 42.1       | 84        | 63-130       |            |
| 1,2,3-Trichloropropane    | ug/L  | 50          | 40.3       | 81        | 50-139       |            |
| 1,2,4-Trichlorobenzene    | ug/L  | 50          | 41.3       | 83        | 61-129       |            |
| 1,2,4-Trimethylbenzene    | ug/L  | 50          | 43.1       | 86        | 72-128       |            |
| 1,2-Dibromoethane (EDB)   | ug/L  | 50          | 45.2       | 90        | 70-130       |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

LABORATORY CONTROL SAMPLE: 48190

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,2-Dichlorobenzene         | ug/L  | 50          | 47.2       | 94        | 72-129       |            |
| 1,2-Dichloroethane          | ug/L  | 50          | 41.3       | 83        | 66-131       |            |
| 1,2-Dichloropropane         | ug/L  | 50          | 48.4       | 97        | 72-125       |            |
| 1,3,5-Trimethylbenzene      | ug/L  | 50          | 45.8       | 92        | 72-130       |            |
| 1,3-Dichlorobenzene         | ug/L  | 50          | 45.6       | 91        | 74-128       |            |
| 1,3-Dichloropropane         | ug/L  | 50          | 44.3       | 89        | 70-130       |            |
| 1,4-Dichlorobenzene         | ug/L  | 50          | 43.8       | 88        | 72-124       |            |
| 2,2-Dichloropropane         | ug/L  | 50          | 36.0       | 72        | 62-134       |            |
| 2-Butanone (MEK)            | ug/L  | 250         | 224        | 90        | 44-150       |            |
| 2-Chlorotoluene             | ug/L  | 50          | 44.5       | 89        | 74-133       |            |
| 2-Hexanone                  | ug/L  | 250         | 227        | 91        | 38-150       |            |
| 4-Chlorotoluene             | ug/L  | 50          | 43.1       | 86        | 73-129       |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | 250         | 222        | 89        | 55-142       |            |
| Acetone                     | ug/L  | 250         | 198        | 79        | 29-150       |            |
| Acrylonitrile               | ug/L  | 1000        | 974        | 97        | 50-150       |            |
| Benzene                     | ug/L  | 50          | 50.5       | 101       | 75-126       |            |
| Bromobenzene                | ug/L  | 50          | 47.4       | 95        | 72-129       |            |
| Bromoform                   | ug/L  | 50          | 46.4       | 93        | 67-139       |            |
| Bromochloromethane          | ug/L  | 50          | 41.4       | 83        | 70-130       |            |
| Bromodichloromethane        | ug/L  | 50          | 36.7       | 73        | 63-127       |            |
| Bromoform                   | ug/L  | 50          | 48.0       | 96        | 43-146       |            |
| Bromomethane                | ug/L  | 50          | 104        | 104       | 52-172       |            |
| Carbon disulfide            | ug/L  | 100         | 35.6       | 71        | 65-125       |            |
| Carbon tetrachloride        | ug/L  | 50          | 45.4       | 91        | 74-123       |            |
| Chlorobenzene               | ug/L  | 50          | 48.5       | 97        | 61-141       |            |
| Chloroethane                | ug/L  | 50          | 45.8       | 92        | 68-127       |            |
| Chloroform                  | ug/L  | 50          | 49.4       | 99        | 42-138       |            |
| Chloromethane               | ug/L  | 50          | 49.1       | 98        | 77-132       |            |
| cis-1,2-Dichloroethylene    | ug/L  | 50          | 33.8       | 68        | 60-119       |            |
| cis-1,3-Dichloropropene     | ug/L  | 50          | 39.3       | 79        | 72-133       |            |
| Dibromochloromethane        | ug/L  | 50          | 47.1       | 94        | 76-133       |            |
| Dibromomethane              | ug/L  | 50          | 54.6       | 109       | 50-179       |            |
| Dichlorodifluoromethane     | ug/L  | 50          | ND         | 80        | 70-130       |            |
| Ethyl methacrylate          | ug/L  | 50          | 49.0       | 98        | 70-129       |            |
| Ethylbenzene                | ug/L  | 50          | 45.4       | 91        | 71-132       |            |
| Hexachloro-1,3-butadiene    | ug/L  | 100         | 106        | 106       | 70-130       |            |
| Iodomethane                 | ug/L  | 100         | 47.0       | 94        | 74-126       |            |
| Isopropylbenzene (Cumene)   | ug/L  | 50          | 92.1       | 92        | 68-139       |            |
| Methyl-tert-butyl ether     | ug/L  | 100         | 19.5       | 39        | 50-119 LO    |            |
| Methylene chloride          | ug/L  | 50          | 44.7       | 89        | 70-130       |            |
| n-Butylbenzene              | ug/L  | 50          | 43.4       | 87        | 74-135       |            |
| n-Propylbenzene             | ug/L  | 50          | 40.0       | 80        | 56-134       |            |
| Naphthalene                 | ug/L  | 50          | 42.3       | 85        | 70-133       |            |
| p-Isopropyltoluene          | ug/L  | 50          | 43.7       | 87        | 75-133       |            |
| sec-Butylbenzene            | ug/L  | 50          | 45.0       | 90        | 75-125       |            |
| Styrene                     | ug/L  | 50          | 41.7       | 83        | 69-121       |            |
| tert-Butylbenzene           | ug/L  | 50          | 38.5       | 77        | 55-121       |            |
| Tetrachloroethylene         | ug/L  | 50          | 46.0       | 92        | 72-126       |            |
| Toluene                     | ug/L  |             |            |           |              |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

LABORATORY CONTROL SAMPLE: 48190

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| trans-1,2-Dichloroethene    | ug/L  | 50          | 46.9       | 94        | 73-131       |            |
| trans-1,3-Dichloropropene   | ug/L  | 50          | 32.8       | 66        | 59-119       |            |
| trans-1,4-Dichloro-2-butene | ug/L  | 50          | 37.2J      | 74        | 50-150       |            |
| Trichloroethene             | ug/L  | 50          | 44.9       | 90        | 73-123       |            |
| Trichlorofluoromethane      | ug/L  | 50          | 48.8       | 98        | 65-145       |            |
| Vinyl acetate               | ug/L  | 200         | 191        | 95        | 50-150       |            |
| Vinyl chloride              | ug/L  | 50          | 49.5       | 99        | 54-139       |            |
| Xylene (Total)              | ug/L  | 150         | 138        | 92        | 72-127       |            |
| 4-Bromofluorobenzene (S)    | %     |             |            | 100       | 73-120       |            |
| Dibromofluoromethane (S)    | %     |             |            | 101       | 82-122       |            |
| Toluene-d8 (S)              | %     |             |            | 97        | 80-120       |            |

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 48191

48192

| Parameter                   | Units | MS 504664011  |       | MSD          |        | MS % Rec | MSD % Rec | % Rec Limits | Max RPD RPD | Qual    |
|-----------------------------|-------|---------------|-------|--------------|--------|----------|-----------|--------------|-------------|---------|
|                             |       | Spiked Result | Conc. | Spiked Conc. | Result |          |           |              |             |         |
| 1,1,1,2-Tetrachloroethane   | ug/L  | ND            | 50    | 50           | 33.2   | 34.0     | 66        | 68           | 54-134      | 3 20    |
| 1,1,1-Trichloroethane       | ug/L  | ND            | 50    | 50           | 37.3   | 38.7     | 75        | 77           | 63-130      | 4 20    |
| 1,1,2,2-Tetrachloroethane   | ug/L  | ND            | 50    | 50           | 42.3   | 43.7     | 85        | 87           | 59-139      | 3 20    |
| 1,1,2-Trichloroethane       | ug/L  | ND            | 50    | 50           | 48.2   | 48.9     | 96        | 98           | 64-136      | 1 20    |
| 1,1-Dichloroethane          | ug/L  | ND            | 50    | 50           | 45.5   | 45.3     | 91        | 91           | 67-129      | 0 20    |
| 1,1-Dichloroethene          | ug/L  | ND            | 50    | 50           | 50.7   | 48.3     | 101       | 97           | 59-150      | 5 20    |
| 1,1-Dichloropropene         | ug/L  | ND            | 50    | 50           | 46.5   | 45.9     | 93        | 92           | 68-127      | 1 20    |
| 1,2,3-Trichlorobenzene      | ug/L  | ND            | 50    | 50           | 39.7   | 33.6     | 79        | 67           | 39-136      | 17 20   |
| 1,2,3-Trichloropropane      | ug/L  | ND            | 50    | 50           | 42.3   | 35.5     | 85        | 71           | 41-137      | 17 20   |
| 1,2,4-Trichlorobenzene      | ug/L  | ND            | 50    | 50           | 38.6   | 30.2     | 77        | 60           | 34-137      | 24 20   |
| 1,2,4-Trimethylbenzene      | ug/L  | ND            | 50    | 50           | 45.8   | 43.9     | 92        | 88           | 36-143      | 4 20 R1 |
| 1,2-Dibromoethane (EDB)     | ug/L  | ND            | 50    | 50           | 42.6   | 43.7     | 85        | 87           | 64-132      | 3 20    |
| 1,2-Dichlorobenzene         | ug/L  | ND            | 50    | 50           | 45.9   | 44.3     | 92        | 89           | 52-136      | 4 20    |
| 1,2-Dichloroethane          | ug/L  | ND            | 50    | 50           | 44.6   | 44.1     | 89        | 88           | 62-134      | 1 20    |
| 1,2-Dichloropropane         | ug/L  | ND            | 50    | 50           | 50.1   | 52.3     | 100       | 105          | 67-128      | 4 20    |
| 1,3,5-Trimethylbenzene      | ug/L  | ND            | 50    | 50           | 47.4   | 45.9     | 95        | 92           | 33-145      | 3 20    |
| 1,3-Dichlorobenzene         | ug/L  | ND            | 50    | 50           | 47.3   | 44.7     | 95        | 89           | 47-139      | 6 20    |
| 1,3-Dichloropropane         | ug/L  | ND            | 50    | 50           | 44.1   | 44.8     | 88        | 90           | 63-134      | 2 20    |
| 1,4-Dichlorobenzene         | ug/L  | ND            | 50    | 50           | 44.9   | 43.0     | 90        | 86           | 46-135      | 4 20    |
| 2,2-Dichloropropane         | ug/L  | ND            | 50    | 50           | 32.7   | 32.9     | 65        | 66           | 51-136      | 1 20    |
| 2-Butanone (MEK)            | ug/L  | ND            | 250   | 250          | 220    | 224      | 88        | 89           | 54-148      | 2 20    |
| 2-Chlorotoluene             | ug/L  | ND            | 50    | 50           | 45.8   | 44.7     | 92        | 89           | 43-147      | 2 20    |
| 2-Hexanone                  | ug/L  | ND            | 250   | 250          | 206    | 205      | 82        | 82           | 60-140      | 0 20    |
| 4-Chlorotoluene             | ug/L  | ND            | 50    | 50           | 43.5   | 42.4     | 87        | 85           | 46-139      | 2 20    |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | ND            | 250   | 250          | 206    | 216      | 82        | 87           | 56-147      | 5 20    |
| Acetone                     | ug/L  | ND            | 250   | 250          | 205    | 216      | 82        | 86           | 27-163      | 5 20    |
| Acrylonitrile               | ug/L  | ND            | 1000  | 1000         | 949    | 956      | 95        | 96           | 50-150      | 1 20    |
| Benzene                     | ug/L  | ND            | 50    | 50           | 53.3   | 52.9     | 107       | 106          | 66-135      | 1 20    |
| Bromobenzene                | ug/L  | ND            | 50    | 50           | 47.9   | 47.7     | 96        | 95           | 57-135      | 0 20    |
| Bromochloromethane          | ug/L  | ND            | 50    | 50           | 47.8   | 49.1     | 96        | 98           | 61-142      | 3 20    |
| Bromodichloromethane        | ug/L  | ND            | 50    | 50           | 37.5   | 39.2     | 75        | 78           | 60-135      | 5 20    |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

| Parameter                   | Units | 504664011 |             | MS          |        | MSD        |           | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD Qual |
|-----------------------------|-------|-----------|-------------|-------------|--------|------------|-----------|----------|-----------|--------------|---------|----------|
|                             |       | Result    | Spike Conc. | Spike Conc. | Result | MSD Result | MSD % Rec |          |           |              |         |          |
| Bromoform                   | ug/L  | ND        | 50          | 50          | 29.9   | 30.9       | 60        | 62       | 50-127    | 3            | 20      |          |
| Bromomethane                | ug/L  | ND        | 50          | 50          | 52.9   | 52.2       | 106       | 104      | 32-148    | 1            | 20      |          |
| Carbon disulfide            | ug/L  | ND        | 100         | 100         | 109    | 106        | 109       | 106      | 46-173    | 3            | 20      |          |
| Carbon tetrachloride        | ug/L  | ND        | 50          | 50          | 30.0   | 31.0       | 60        | 62       | 51-130    | 3            | 20      |          |
| Chlorobenzene               | ug/L  | ND        | 50          | 50          | 47.2   | 47.4       | 94        | 95       | 59-135    | 0            | 20      |          |
| Chloroethane                | ug/L  | ND        | 50          | 50          | 53.7   | 49.2       | 107       | 98       | 58-153    | 9            | 20      |          |
| Chloroform                  | ug/L  | ND        | 50          | 50          | 49.0   | 47.3       | 98        | 95       | 61-133    | 4            | 20      |          |
| Chloromethane               | ug/L  | ND        | 50          | 50          | 53.6   | 52.2       | 107       | 104      | 44-135    | 3            | 20      |          |
| cis-1,2-Dichloroethene      | ug/L  | 18.8      | 50          | 50          | 67.9   | 65.5       | 98        | 93       | 75-133    | 4            | 20      |          |
| cis-1,3-Dichloropropene     | ug/L  | ND        | 50          | 50          | 31.1   | 33.0       | 62        | 66       | 51-121    | 6            | 20      |          |
| Dibromochloromethane        | ug/L  | ND        | 50          | 50          | 32.0   | 33.4       | 64        | 67       | 56-139    | 4            | 20      |          |
| Dibromomethane              | ug/L  | ND        | 50          | 50          | 46.1   | 44.5       | 92        | 89       | 70-136    | 4            | 20      |          |
| Dichlorodifluoromethane     | ug/L  | ND        | 50          | 50          | 56.8   | 55.5       | 114       | 111      | 25-175    | 2            | 20      |          |
| Ethyl methacrylate          | ug/L  | ND        | 50          | 50          | ND     | ND         | 58        | 65       | 50-150    | 10           | 20      |          |
| Ethylbenzene                | ug/L  | ND        | 50          | 50          | 50.6   | 51.5       | 101       | 103      | 59-143    | 2            | 20      |          |
| Hexachloro-1,3-butadiene    | ug/L  | ND        | 50          | 50          | 44.9   | 42.0       | 90        | 84       | 50-155    | 7            | 20      |          |
| Iodomethane                 | ug/L  | ND        | 100         | 100         | 107    | 105        | 107       | 105      | 70-130    | 2            | 20      |          |
| Isopropylbenzene (Cumene)   | ug/L  | ND        | 50          | 50          | 50.3   | 48.5       | 101       | 97       | 48-139    | 3            | 20      |          |
| Methyl-tert-butyl ether     | ug/L  | ND        | 100         | 100         | 87.6   | 89.4       | 88        | 89       | 62-147    | 2            | 20      |          |
| Methylene chloride          | ug/L  | ND        | 50          | 50          | 26.3   | 28.2       | 53        | 56       | 46-119    | 7            | 20      |          |
| n-Butylbenzene              | ug/L  | ND        | 50          | 50          | 46.8   | 43.0       | 94        | 86       | 50-156    | 8            | 20      |          |
| n-Propylbenzene             | ug/L  | ND        | 50          | 50          | 47.0   | 45.0       | 94        | 90       | 33-153    | 4            | 20      |          |
| Naphthalene                 | ug/L  | ND        | 50          | 50          | 34.4   | 32.0       | 69        | 64       | 40-136    | 7            | 20      |          |
| p-Isopropyltoluene          | ug/L  | ND        | 50          | 50          | 44.6   | 41.8       | 89        | 84       | 38-143    | 7            | 20      |          |
| sec-Butylbenzene            | ug/L  | ND        | 50          | 50          | 45.9   | 44.5       | 92        | 89       | 35-151    | 3            | 20      |          |
| Styrene                     | ug/L  | ND        | 50          | 50          | 47.1   | 45.9       | 94        | 92       | 53-133    | 3            | 20      |          |
| tert-Butylbenzene           | ug/L  | ND        | 50          | 50          | 42.3   | 37.0       | 85        | 74       | 37-136    | 13           | 20      |          |
| Tetrachloroethene           | ug/L  | ND        | 50          | 50          | 40.1   | 38.4       | 80        | 77       | 40-127    | 4            | 20      |          |
| Toluene                     | ug/L  | ND        | 50          | 50          | 48.3   | 47.7       | 97        | 95       | 63-137    | 1            | 20      |          |
| trans-1,2-Dichloroethene    | ug/L  | ND        | 50          | 50          | 56.3   | 52.6       | 113       | 105      | 70-134    | 7            | 20      |          |
| trans-1,3-Dichloropropene   | ug/L  | ND        | 50          | 50          | 28.9   | 31.6       | 58        | 63       | 49-121    | 9            | 20      |          |
| trans-1,4-Dichloro-2-butene | ug/L  | ND        | 50          | 50          | 32J    | 35.1J      | 64        | 70       | 50-150    | 9            | 20      |          |
| Trichloroethene             | ug/L  | ND        | 50          | 50          | 46.2   | 47.0       | 92        | 94       | 61-131    | 2            | 20      |          |
| Trichlorofluoromethane      | ug/L  | ND        | 50          | 50          | 52.1   | 51.7       | 104       | 103      | 64-146    | 1            | 20      |          |
| Vinyl acetate               | ug/L  | ND        | 200         | 200         | 134    | 141        | 67        | 70       | 50-150    | 5            | 20      |          |
| Vinyl chloride              | ug/L  | ND        | 50          | 50          | 55.5   | 52.1       | 111       | 104      | 54-140    | 6            | 20      |          |
| Xylene (Total)              | ug/L  | ND        | 150         | 150         | 143    | 145        | 95        | 96       | 54-140    | 1            | 20      |          |
| 4-Bromofluorobenzene (S)    | %     |           |             |             |        |            | 98        | 101      | 73-120    |              | 20      |          |
| Dibromofluoromethane (S)    | %     |           |             |             |        |            | 104       | 102      | 82-122    |              | 20      |          |
| Toluene-d8 (S)              | %     |           |             |             |        |            | 95        | 99       | 80-120    |              | 20      |          |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

QC Batch: MSV/3271 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 8260 MSV

Associated Lab Samples: 504664001, 504664017, 504664018, 504664019, 504664020, 504664021, 504664022

METHOD BLANK: 48774

Associated Lab Samples: 504664001, 504664017, 504664018, 504664019, 504664020, 504664021, 504664022

| Parameter                   | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------------|
| 1,1,1,2-Tetrachloroethane   | ug/L  | ND           | 5.0             |            |
| 1,1,1-Trichloroethane       | ug/L  | ND           | 5.0             |            |
| 1,1,2,2-Tetrachloroethane   | ug/L  | ND           | 5.0             |            |
| 1,1,2-Trichloroethane       | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloroethane          | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloroethene          | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloropropene         | ug/L  | ND           | 5.0             |            |
| 1,2,3-Trichlorobenzene      | ug/L  | ND           | 5.0             |            |
| 1,2,3-Trichloropropane      | ug/L  | ND           | 5.0             |            |
| 1,2,4-Trichlorobenzene      | ug/L  | ND           | 5.0             |            |
| 1,2,4-Trimethylbenzene      | ug/L  | ND           | 5.0             |            |
| 1,2-Dibromoethane (EDB)     | ug/L  | ND           | 5.0             |            |
| 1,2-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 1,2-Dichloroethane          | ug/L  | ND           | 5.0             |            |
| 1,2-Dichloropropene         | ug/L  | ND           | 5.0             |            |
| 1,3,5-Trimethylbenzene      | ug/L  | ND           | 5.0             |            |
| 1,3-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 1,3-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 1,4-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 2,2-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 2-Butanone (MEK)            | ug/L  | ND           | 25.0            |            |
| 2-Chlorotoluene             | ug/L  | ND           | 5.0             |            |
| 2-Hexanone                  | ug/L  | ND           | 25.0            |            |
| 4-Chlorotoluene             | ug/L  | ND           | 5.0             |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | ND           | 25.0            |            |
| Acetone                     | ug/L  | ND           | 100             |            |
| Acrolein                    | ug/L  | ND           | 100             |            |
| Acrylonitrile               | ug/L  | ND           | 100             |            |
| Benzene                     | ug/L  | ND           | 5.0             |            |
| Bromobenzene                | ug/L  | ND           | 5.0             |            |
| Bromochloromethane          | ug/L  | ND           | 5.0             |            |
| Bromodichloromethane        | ug/L  | ND           | 5.0             |            |
| Bromoform                   | ug/L  | ND           | 5.0             |            |
| Bromomethane                | ug/L  | ND           | 5.0             |            |
| Carbon disulfide            | ug/L  | ND           | 10.0            |            |
| Carbon tetrachloride        | ug/L  | ND           | 5.0             |            |
| Chlorobenzene               | ug/L  | ND           | 5.0             |            |
| Chloroethane                | ug/L  | ND           | 5.0             |            |
| Chloroform                  | ug/L  | ND           | 5.0             |            |
| Chloromethane               | ug/L  | ND           | 5.0             |            |
| cis-1,2-Dichloroethene      | ug/L  | ND           | 5.0             |            |
| cis-1,3-Dichloropropene     | ug/L  | ND           | 5.0             |            |
| Dibromochloromethane        | ug/L  | ND           | 5.0             |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

METHOD BLANK: 48774

Associated Lab Samples: 504664001, 504664017, 504664018, 504664019, 504664020, 504664021, 504664022

| Parameter                   | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------------|
| Dibromomethane              | ug/L  | ND           | 5.0             |            |
| Dichlorodifluoromethane     | ug/L  | ND           | 5.0             |            |
| Ethyl methacrylate          | ug/L  | ND           | 100             |            |
| Ethylbenzene                | ug/L  | ND           | 5.0             |            |
| Hexachloro-1,3-butadiene    | ug/L  | ND           | 5.0             |            |
| Iodomethane                 | ug/L  | ND           | 10.0            |            |
| Isopropylbenzene (Cumene)   | ug/L  | ND           | 5.0             |            |
| Methyl-tert-butyl ether     | ug/L  | ND           | 4.0             |            |
| Methylene chloride          | ug/L  | ND           | 5.0             |            |
| n-Butylbenzene              | ug/L  | ND           | 5.0             |            |
| n-Propylbenzene             | ug/L  | ND           | 5.0             |            |
| Naphthalene                 | ug/L  | ND           | 5.0             |            |
| p-Isopropyltoluene          | ug/L  | ND           | 5.0             |            |
| sec-Butylbenzene            | ug/L  | ND           | 5.0             |            |
| Styrene                     | ug/L  | ND           | 5.0             |            |
| tert-Butylbenzene           | ug/L  | ND           | 5.0             |            |
| Tetrachloroethene           | ug/L  | ND           | 5.0             |            |
| Toluene                     | ug/L  | ND           | 5.0             |            |
| trans-1,2-Dichloroethene    | ug/L  | ND           | 5.0             |            |
| trans-1,3-Dichloropropene   | ug/L  | ND           | 5.0             |            |
| trans-1,4-Dichloro-2-butene | ug/L  | ND           | 100             |            |
| Trichloroethene             | ug/L  | ND           | 5.0             |            |
| Trichlorofluoromethane      | ug/L  | ND           | 5.0             |            |
| Vinyl acetate               | ug/L  | ND           | 10.0            |            |
| Vinyl chloride              | ug/L  | ND           | 2.0             |            |
| Xylene (Total)              | ug/L  | ND           | 10.0            |            |
| 4-Bromofluorobenzene (S)    | %     | 91           | 73-120          |            |
| Dibromofluoromethane (S)    | %     | 102          | 82-122          |            |
| Toluene-d8 (S)              | %     | 95           | 80-120          |            |

LABORATORY CONTROL SAMPLE: 48775

| Parameter                 | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L  | 50          | 39.1       | 78        | 70-126       |            |
| 1,1,1-Trichloroethane     | ug/L  | 50          | 38.3       | 77        | 70-128       |            |
| 1,1,2,2-Tetrachloroethane | ug/L  | 50          | 44.8       | 90        | 66-134       |            |
| 1,1,2-Trichloroethane     | ug/L  | 50          | 47.6       | 95        | 71-131       |            |
| 1,1-Dichloroethane        | ug/L  | 50          | 45.8       | 92        | 72-125       |            |
| 1,1-Dichloroethene        | ug/L  | 50          | 46.8       | 94        | 66-140       |            |
| 1,1-Dichloropropene       | ug/L  | 50          | 48.0       | 96        | 72-125       |            |
| 1,2,3-Trichlorobenzene    | ug/L  | 50          | 42.5       | 85        | 63-130       |            |
| 1,2,3-Trichloropropane    | ug/L  | 50          | 41.0       | 82        | 50-139       |            |
| 1,2,4-Trichlorobenzene    | ug/L  | 50          | 44.2       | 88        | 61-129       |            |
| 1,2,4-Trimethylbenzene    | ug/L  | 50          | 43.1       | 86        | 72-128       |            |
| 1,2-Dibromoethane (EDB)   | ug/L  | 50          | 44.8       | 90        | 70-130       |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

LABORATORY CONTROL SAMPLE: 48775

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,2-Dichlorobenzene         | ug/L  | 50          | 45.0       | 90        | 72-129       |            |
| 1,2-Dichloroethane          | ug/L  | 50          | 43.2       | 86        | 66-131       |            |
| 1,2-Dichloropropane         | ug/L  | 50          | 49.1       | 98        | 72-125       |            |
| 1,3,5-Trimethylbenzene      | ug/L  | 50          | 42.6       | 85        | 72-130       |            |
| 1,3-Dichlorobenzene         | ug/L  | 50          | 46.5       | 93        | 74-128       |            |
| 1,3-Dichloropropane         | ug/L  | 50          | 48.0       | 96        | 70-130       |            |
| 1,4-Dichlorobenzene         | ug/L  | 50          | 45.6       | 91        | 72-124       |            |
| 2,2-Dichloropropane         | ug/L  | 50          | 39.9       | 80        | 62-134       |            |
| 2-Chlorotoluene             | ug/L  | 50          | 43.9       | 88        | 74-133       |            |
| 2-Hexanone                  | ug/L  | 250         | 281        | 112       | 38-150       |            |
| 4-Chlorotoluene             | ug/L  | 50          | 47.1       | 94        | 73-129       |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | 250         | 214        | 86        | 55-142       |            |
| Acrylonitrile               | ug/L  | 1000        | 1010       | 101       | 50-150       |            |
| Benzene                     | ug/L  | 50          | 50.1       | 100       | 75-126       |            |
| Bromobenzene                | ug/L  | 50          | 48.6       | 97        | 72-129       |            |
| Bromoform                   | ug/L  | 50          | 46.3       | 93        | 67-139       |            |
| Bromochloromethane          | ug/L  | 50          | 42.2       | 84        | 70-130       |            |
| Bromodichloromethane        | ug/L  | 50          | 38.1       | 76        | 63-127       |            |
| Bromoform                   | ug/L  | 50          | 54.5       | 109       | 43-146       |            |
| Bromomethane                | ug/L  | 50          | 98.2       | 98        | 52-172       |            |
| Carbon disulfide            | ug/L  | 100         | 36.0       | 72        | 65-125       |            |
| Chlorobenzene               | ug/L  | 50          | 48.3       | 97        | 74-123       |            |
| Chloroethane                | ug/L  | 50          | 49.1       | 98        | 61-141       |            |
| Chloroform                  | ug/L  | 50          | 48.1       | 96        | 68-127       |            |
| Chloromethane               | ug/L  | 50          | 50.5       | 101       | 42-138       |            |
| cis-1,2-Dichloroethene      | ug/L  | 50          | 47.6       | 95        | 77-132       |            |
| cis-1,3-Dichloropropene     | ug/L  | 50          | 37.3       | 75        | 60-119       |            |
| Dibromochloromethane        | ug/L  | 50          | 40.7       | 81        | 72-133       |            |
| Dibromomethane              | ug/L  | 50          | 46.4       | 93        | 76-133       |            |
| Dichlorodifluoromethane     | ug/L  | 50          | 54.0       | 108       | 50-179       |            |
| Ethyl methacrylate          | ug/L  | 50          | ND         | 72        | 70-130       |            |
| Ethylbenzene                | ug/L  | 50          | 50.2       | 100       | 70-129       |            |
| Hexachloro-1,3-butadiene    | ug/L  | 50          | 48.8       | 98        | 71-132       |            |
| Iodomethane                 | ug/L  | 100         | 105        | 105       | 70-130       |            |
| Isopropylbenzene (Cumene)   | ug/L  | 50          | 46.8       | 94        | 74-126       |            |
| Methyl-tert-butyl ether     | ug/L  | 100         | 95.9       | 96        | 68-139       |            |
| Methylene chloride          | ug/L  | 50          | 25.0       | 50        | 50-119       |            |
| n-Butylbenzene              | ug/L  | 50          | 46.3       | 93        | 70-130       |            |
| n-Propylbenzene             | ug/L  | 50          | 42.8       | 86        | 74-135       |            |
| Naphthalene                 | ug/L  | 50          | 40.9       | 82        | 56-134       |            |
| p-Isopropyltoluene          | ug/L  | 50          | 37.0       | 74        | 70-133       |            |
| sec-Butylbenzene            | ug/L  | 50          | 43.8       | 88        | 75-133       |            |
| Styrene                     | ug/L  | 50          | 48.2       | 96        | 75-125       |            |
| tert-Butylbenzene           | ug/L  | 50          | 37.0       | 74        | 69-121       |            |
| Tetrachloroethene           | ug/L  | 50          | 43.5       | 87        | 55-121       |            |
| Toluene                     | ug/L  | 50          | 47.8       | 96        | 72-126       |            |
| trans-1,2-Dichloroethene    | ug/L  | 50          | 52.3       | 105       | 73-131       |            |
| trans-1,3-Dichloropropene   | ug/L  | 50          | 35.7       | 71        | 59-119       |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

LABORATORY CONTROL SAMPLE: 48775

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| trans-1,4-Dichloro-2-butene | ug/L  | 50          | 36.1J      | 72        | 50-150       |            |
| Trichloroethene             | ug/L  | 50          | 45.6       | 91        | 73-123       |            |
| Trichlorofluoromethane      | ug/L  | 50          | 48.9       | 98        | 65-145       |            |
| Vinyl acetate               | ug/L  | 200         | 187        | 94        | 50-150       |            |
| Vinyl chloride              | ug/L  | 50          | 50.3       | 101       | 54-139       |            |
| Xylene (Total)              | ug/L  | 150         | 144        | 96        | 72-127       |            |
| 4-Bromofluorobenzene (S)    | %     |             |            | 96        | 73-120       |            |
| Dibromofluoromethane (S)    | %     |             |            | 102       | 82-122       |            |
| Toluene-d8 (S)              | %     |             |            | 98        | 80-120       |            |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 48776

48777

| Parameter                   | Units | 504664017<br>Result | MS          | MSD         | MS<br>Result | MS<br>Result | MS<br>% Rec | MSD<br>% Rec | % Rec<br>Limits | Max       | RPD | RPD | Qual |
|-----------------------------|-------|---------------------|-------------|-------------|--------------|--------------|-------------|--------------|-----------------|-----------|-----|-----|------|
|                             |       |                     | Spike Conc. | Spike Conc. |              |              |             |              |                 | MSD % Rec |     |     |      |
| 1,1,1,2-Tetrachloroethane   | ug/L  | ND                  | 50          | 50          | 35.6         | 36.1         | 71          | 72           | 54-134          | 1         | 20  |     |      |
| 1,1,1-Trichloroethane       | ug/L  | ND                  | 50          | 50          | 33.9         | 35.5         | 68          | 71           | 63-130          | 5         | 20  |     |      |
| 1,1,2,2-Tetrachloroethane   | ug/L  | ND                  | 50          | 50          | 43.5         | 43.2         | 87          | 86           | 59-139          | 1         | 20  |     |      |
| 1,1,2-Trichloroethane       | ug/L  | ND                  | 50          | 50          | 49.6         | 48.4         | 99          | 97           | 64-136          | 3         | 20  |     |      |
| 1,1-Dichloroethane          | ug/L  | ND                  | 50          | 50          | 43.5         | 44.0         | 87          | 88           | 67-129          | 1         | 20  |     |      |
| 1,1-Dichloroethene          | ug/L  | ND                  | 50          | 50          | 45.5         | 46.8         | 91          | 94           | 59-150          | 3         | 20  |     |      |
| 1,1-Dichloropropene         | ug/L  | ND                  | 50          | 50          | 44.2         | 47.1         | 88          | 94           | 68-127          | 6         | 20  |     |      |
| 1,2,3-Trichlorobenzene      | ug/L  | ND                  | 50          | 50          | 42.5         | 44.9         | 85          | 90           | 39-136          | 5         | 20  |     |      |
| 1,2,3-Trichloropropane      | ug/L  | ND                  | 50          | 50          | 41.3         | 43.7         | 83          | 87           | 41-137          | 6         | 20  |     |      |
| 1,2,4-Trichlorobenzene      | ug/L  | ND                  | 50          | 50          | 44.3         | 43.8         | 89          | 88           | 34-137          | 1         | 20  |     |      |
| 1,2,4-Trimethylbenzene      | ug/L  | ND                  | 50          | 50          | 41.6         | 43.5         | 83          | 87           | 36-143          | 4         | 20  |     |      |
| 1,2-Dibromoethane (EDB)     | ug/L  | ND                  | 50          | 50          | 46.3         | 46.2         | 93          | 92           | 64-132          | 0         | 20  |     |      |
| 1,2-Dichlorobenzene         | ug/L  | ND                  | 50          | 50          | 45.5         | 46.1         | 91          | 92           | 52-136          | 1         | 20  |     |      |
| 1,2-Dichloroethane          | ug/L  | ND                  | 50          | 50          | 44.8         | 44.4         | 90          | 89           | 62-134          | 1         | 20  |     |      |
| 1,2-Dichloropropane         | ug/L  | ND                  | 50          | 50          | 49.7         | 49.5         | 99          | 99           | 67-128          | 0         | 20  |     |      |
| 1,3,5 Trimethylbenzene      | ug/L  | ND                  | 50          | 50          | 39.7         | 40.9         | 79          | 82           | 33-145          | 3         | 20  |     |      |
| 1,3-Dichlorobenzene         | ug/L  | ND                  | 50          | 50          | 44.0         | 44.9         | 88          | 90           | 47-139          | 2         | 20  |     |      |
| 1,3-Dichloropropane         | ug/L  | ND                  | 50          | 50          | 49.2         | 48.1         | 98          | 96           | 63-134          | 2         | 20  |     |      |
| 1,4-Dichlorobenzene         | ug/L  | ND                  | 50          | 50          | 43.0         | 43.8         | 86          | 88           | 46-135          | 2         | 20  |     |      |
| 2,2-Dichloropropane         | ug/L  | ND                  | 50          | 50          | 34.2         | 35.5         | 68          | 71           | 51-136          | 4         | 20  |     |      |
| 2-Butanone (MEK)            | ug/L  | ND                  | 250         | 250         | 258          | 257          | 103         | 103          | 54-148          | 0         | 20  |     |      |
| 2-Chlorotoluene             | ug/L  | ND                  | 50          | 50          | 42.2         | 43.0         | 84          | 86           | 43-147          | 2         | 20  |     |      |
| 2-Hexanone                  | ug/L  | ND                  | 250         | 250         | 227          | 222          | 91          | 89           | 60-140          | 2         | 20  |     |      |
| 4-Chlorotoluene             | ug/L  | ND                  | 50          | 50          | 46.3         | 45.3         | 93          | 91           | 46-139          | 2         | 20  |     |      |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | ND                  | 250         | 250         | 222          | 219          | 89          | 88           | 56-147          | 2         | 20  |     |      |
| Acetone                     | ug/L  | ND                  | 250         | 250         | 216          | 223          | 86          | 89           | 27-163          | 3         | 20  |     |      |
| Acrylonitrile               | ug/L  | ND                  | 1000        | 1000        | 1050         | 1060         | 105         | 106          | 50-150          | 2         | 20  |     |      |
| Benzene                     | ug/L  | ND                  | 50          | 50          | 48.7         | 50.5         | 97          | 101          | 66-135          | 4         | 20  |     |      |
| Bromobenzene                | ug/L  | ND                  | 50          | 50          | 47.9         | 47.6         | 96          | 95           | 57-135          | 1         | 20  |     |      |
| Bromochloromethane          | ug/L  | ND                  | 50          | 50          | 46.0         | 46.7         | 92          | 93           | 61-142          | 2         | 20  |     |      |
| Bromodichloromethane        | ug/L  | ND                  | 50          | 50          | 38.0         | 41.1         | 76          | 82           | 60-135          | 8         | 20  |     |      |
| Bromoform                   | ug/L  | ND                  | 50          | 50          | 30.9         | 34.1         | 62          | 68           | 50-127          | 10        | 20  |     |      |
| Bromomethane                | ug/L  | ND                  | 50          | 50          | 50.3         | 53.4         | 101         | 107          | 32-148          | 6         | 20  |     |      |

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

| Parameter                   | Units | 504664017 |             | 48776          |           | 48777      |     | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD Qual |
|-----------------------------|-------|-----------|-------------|----------------|-----------|------------|-----|----------|-----------|--------------|---------|----------|
|                             |       | Result    | Spike Conc. | MS Spike Conc. | MS Result | MSD Result |     |          |           |              |         |          |
| Carbon disulfide            | ug/L  | ND        | 100         | 100            | 114       | 114        | 114 | 114      | 46-173    | 0            | 20      |          |
| Carbon tetrachloride        | ug/L  | ND        | 50          | 50             | 31.9      | 31.7       | 64  | 63       | 51-130    | 1            | 20      |          |
| Chlorobenzene               | ug/L  | ND        | 50          | 50             | 46.6      | 47.0       | 93  | 94       | 59-135    | 1            | 20      |          |
| Chloroethane                | ug/L  | ND        | 50          | 50             | 48.1      | 48.5       | 96  | 97       | 58-153    | 1            | 20      |          |
| Chloroform                  | ug/L  | ND        | 50          | 50             | 47.2      | 47.8       | 94  | 96       | 61-133    | 1            | 20      |          |
| Chloromethane               | ug/L  | ND        | 50          | 50             | 47.1      | 47.5       | 94  | 95       | 44-135    | 1            | 20      |          |
| cis-1,2-Dichloroethene      | ug/L  | 61.6      | 50          | 50             | 110       | 112        | 98  | 100      | 75-133    | 1            | 20      |          |
| cis-1,3-Dichloropropene     | ug/L  | ND        | 50          | 50             | 33.7      | 34.7       | 67  | 69       | 51-121    | 3            | 20      |          |
| Dibromochloromethane        | ug/L  | ND        | 50          | 50             | 35.7      | 38.5       | 71  | 77       | 56-139    | 8            | 20      |          |
| Dibromomethane              | ug/L  | ND        | 50          | 50             | 46.9      | 47.3       | 94  | 95       | 70-136    | 1            | 20      |          |
| Dichlorodifluoromethane     | ug/L  | ND        | 50          | 50             | 51.2      | 51.2       | 102 | 102      | 25-175    | 0            | 20      |          |
| Ethyl methacrylate          | ug/L  | ND        | 50          | 50             | ND        | ND         | 68  | 72       | 50-150    | 7            | 20      |          |
| Ethylbenzene                | ug/L  | ND        | 50          | 50             | 48.9      | 47.6       | 98  | 95       | 59-143    | 3            | 20      |          |
| Hexachloro-1,3-butadiene    | ug/L  | ND        | 50          | 50             | 44.8      | 45.0       | 90  | 90       | 50-155    | 0            | 20      |          |
| Iodomethane                 | ug/L  | ND        | 100         | 100            | 99.2      | 104        | 99  | 104      | 70-130    | 5            | 20      |          |
| Isopropylbenzene (Cumene)   | ug/L  | ND        | 50          | 50             | 44.5      | 44.7       | 89  | 89       | 48-139    | 1            | 20      |          |
| Methyl-tert-butyl ether     | ug/L  | ND        | 100         | 100            | 97.3      | 97.1       | 97  | 97       | 62-147    | 0            | 20      |          |
| Methylene chloride          | ug/L  | ND        | 50          | 50             | 19.5      | 20.9       | 39  | 42       | 46-119    | 7            | 20      | M0       |
| n-Butylbenzene              | ug/L  | ND        | 50          | 50             | 42.8      | 43.1       | 86  | 86       | 50-156    | 1            | 20      |          |
| n-Propylbenzene             | ug/L  | ND        | 50          | 50             | 39.6      | 41.2       | 79  | 82       | 33-153    | 4            | 20      |          |
| Naphthalene                 | ug/L  | ND        | 50          | 50             | 41.4      | 41.8       | 83  | 84       | 40-136    | 1            | 20      |          |
| p-Isopropyltoluene          | ug/L  | ND        | 50          | 50             | 34.1      | 34.9       | 68  | 70       | 38-143    | 2            | 20      |          |
| sec-Butylbenzene            | ug/L  | ND        | 50          | 50             | 41.2      | 42.0       | 82  | 84       | 35-151    | 2            | 20      |          |
| Styrene                     | ug/L  | ND        | 50          | 50             | 46.9      | 45.4       | 94  | 91       | 53-133    | 3            | 20      |          |
| tert-Butylbenzene           | ug/L  | ND        | 50          | 50             | 34.1      | 34.9       | 68  | 70       | 37-136    | 2            | 20      |          |
| Tetrachloroethene           | ug/L  | 36.1      | 50          | 50             | 77.0      | 77.8       | 82  | 83       | 40-127    | 1            | 20      |          |
| Toluene                     | ug/L  | ND        | 50          | 50             | 46.4      | 46.4       | 93  | 93       | 63-137    | 0            | 20      |          |
| trans-1,2-Dichloroethene    | ug/L  | 6.9       | 50          | 50             | 57.8      | 58.5       | 102 | 103      | 70-134    | 1            | 20      |          |
| trans-1,3-Dichloropropene   | ug/L  | ND        | 50          | 50             | 33.7      | 33.9       | 67  | 68       | 49-121    | 1            | 20      |          |
| trans-1,4-Dichloro-2-butene | ug/L  | ND        | 50          | 50             | 35.2J     | 37.6J      | 70  | 75       | 50-150    | 7            | 20      |          |
| Trichloroethene             | ug/L  | 36.3      | 50          | 50             | 79.7      | 80.8       | 87  | 89       | 61-131-   | 1            | 20      |          |
| Trichlorofluoromethane      | ug/L  | ND        | 50          | 50             | 45.3      | 45.8       | 91  | 92       | 64-146    | 1            | 20      |          |
| Vinyl acetate               | ug/L  | ND        | 200         | 200            | 169       | 179        | 85  | 90       | 50-150    | 6            | 20      |          |
| Vinyl chloride              | ug/L  | ND        | 50          | 50             | 49.8      | 49.3       | 100 | 99       | 54-140    | 1            | 20      |          |
| Xylene (Total)              | ug/L  | ND        | 150         | 150            | 140       | 138        | 93  | 92       | 54-140    | 1            | 20      |          |
| 4-Bromofluorobenzene (S)    | %     |           |             |                |           |            | 101 | 100      | 73-120    |              | 20      |          |
| Dibromofluoromethane (S)    | %     |           |             |                |           |            | 101 | 104      | 82-122    |              | 20      |          |
| Toluene-d8 (S)              | %     |           |             |                |           |            | 100 | 98       | 80-120    |              | 20      |          |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

|  |          |                       |          |
|--|----------|-----------------------|----------|
| QC Batch:                                    | MSV/3272 | Analysis Method:      | EPA 8260 |
| QC Batch Method:                             | EPA 8260 | Analysis Description: | 8260 MSV |
| Associated Lab Samples: 504664023, 504664025 |          |                       |          |

METHOD BLANK: 48778

Associated Lab Samples: 504664023, 504664025

| Parameter                   | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------------|
| 1,1,1,2-Tetrachloroethane   | ug/L  | ND           | 5.0             |            |
| 1,1,1-Trichloroethane       | ug/L  | ND           | 5.0             |            |
| 1,1,2,2-Tetrachloroethane   | ug/L  | ND           | 5.0             |            |
| 1,1,2-Trichloroethane       | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloroethane          | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloroethene          | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloropropene         | ug/L  | ND           | 5.0             |            |
| 1,2,3-Trichlorobenzene      | ug/L  | ND           | 5.0             |            |
| 1,2,3-Trichloropropane      | ug/L  | ND           | 5.0             |            |
| 1,2,4-Trichlorobenzene      | ug/L  | ND           | 5.0             |            |
| 1,2,4-Trimethylbenzene      | ug/L  | ND           | 5.0             |            |
| 1,2-Dibromoethane (EDB)     | ug/L  | ND           | 5.0             |            |
| 1,2-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 1,2-Dichloroethane          | ug/L  | ND           | 5.0             |            |
| 1,2-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 1,3,5-Trimethylbenzene      | ug/L  | ND           | 5.0             |            |
| 1,3-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 1,3-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 1,4-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 2,2-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 2-Butanone (MEK)            | ug/L  | ND           | 25.0            |            |
| 2-Chlorotoluene             | ug/L  | ND           | 5.0             |            |
| 2-Hexanone                  | ug/L  | ND           | 25.0            |            |
| 4-Chlorotoluene             | ug/L  | ND           | 5.0             |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | ND           | 25.0            |            |
| Acetone                     | ug/L  | ND           | 100             |            |
| Acrolein                    | ug/L  | ND           | 100             |            |
| Acrylonitrile               | ug/L  | ND           | 100             |            |
| Benzene                     | ug/L  | ND           | 5.0             |            |
| Bromobenzene                | ug/L  | ND           | 5.0             |            |
| Bromochloromethane          | ug/L  | ND           | 5.0             |            |
| Bromodichloromethane        | ug/L  | ND           | 5.0             |            |
| Bromoform                   | ug/L  | ND           | 5.0             |            |
| Bromomethane                | ug/L  | ND           | 5.0             |            |
| Carbon disulfide            | ug/L  | ND           | 10.0            |            |
| Carbon tetrachloride        | ug/L  | ND           | 5.0             |            |
| Chlorobenzene               | ug/L  | ND           | 5.0             |            |
| Chloroethane                | ug/L  | ND           | 5.0             |            |
| Chloroform                  | ug/L  | ND           | 5.0             |            |
| Chloromethane               | ug/L  | ND           | 5.0             |            |
| cis-1,2-Dichloroethene      | ug/L  | ND           | 5.0             |            |
| cis-1,3-Dichloropropene     | ug/L  | ND           | 5.0             |            |
| Dibromochloromethane        | ug/L  | ND           | 5.0             |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

METHOD BLANK: 48778

Associated Lab Samples: 504664023, 504664025

| Parameter                   | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------------|
| Dibromomethane              | ug/L  | ND           | 5.0             |            |
| Dichlorodifluoromethane     | ug/L  | ND           | 5.0             |            |
| Ethyl methacrylate          | ug/L  | ND           | 100             |            |
| Ethylbenzene                | ug/L  | ND           | 5.0             |            |
| Hexachloro-1,3-butadiene    | ug/L  | ND           | 5.0             |            |
| Iodomethane                 | ug/L  | ND           | 10.0            |            |
| Isopropylbenzene (Cumene)   | ug/L  | ND           | 5.0             |            |
| Methyl-tert-butyl ether     | ug/L  | ND           | 4.0             |            |
| Methylene chloride          | ug/L  | ND           | 5.0             |            |
| n-Butylbenzene              | ug/L  | ND           | 5.0             |            |
| n-Propylbenzene             | ug/L  | ND           | 5.0             |            |
| Naphthalene                 | ug/L  | ND           | 5.0             |            |
| p-Isopropyltoluene          | ug/L  | ND           | 5.0             |            |
| sec-Butylbenzene            | ug/L  | ND           | 5.0             |            |
| Styrene                     | ug/L  | ND           | 5.0             |            |
| tert-Butylbenzene           | ug/L  | ND           | 5.0             |            |
| Tetrachloroethene           | ug/L  | ND           | 5.0             |            |
| Toluene                     | ug/L  | ND           | 5.0             |            |
| trans-1,2-Dichloroethene    | ug/L  | ND           | 5.0             |            |
| trans-1,3-Dichloropropene   | ug/L  | ND           | 5.0             |            |
| trans-1,4-Dichloro-2-butene | ug/L  | ND           | 100             |            |
| Trichloroethene             | ug/L  | ND           | 5.0             |            |
| Trichlorofluoromethane      | ug/L  | ND           | 5.0             |            |
| Vinyl acetate               | ug/L  | ND           | 10.0            |            |
| Vinyl chloride              | ug/L  | ND           | 2.0             |            |
| Xylene (Total)              | ug/L  | ND           | 10.0            |            |
| 4-Bromofluorobenzene (S)    | %     | 89           | 73-120          |            |
| Dibromofluoromethane (S)    | %     | 104          | 82-122          |            |
| Toluene-d8 (S)              | %     | 97           | 80-120          |            |

LABORATORY CONTROL SAMPLE: 48779

| Parameter                 | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L  | 50          | 38.8       | 78        | 70-126       |            |
| 1,1,1-Trichloroethane     | ug/L  | 50          | 36.8       | 74        | 70-128       |            |
| 1,1,2,2-Tetrachloroethane | ug/L  | 50          | 44.7       | 89        | 66-134       |            |
| 1,1,2-Trichloroethane     | ug/L  | 50          | 49.5       | 99        | 71-131       |            |
| 1,1-Dichloroethane        | ug/L  | 50          | 45.1       | 90        | 72-125       |            |
| 1,1-Dichloroethene        | ug/L  | 50          | 46.6       | 93        | 66-140       |            |
| 1,1-Dichloropropene       | ug/L  | 50          | 45.0       | 90        | 72-125       |            |
| 1,2,3-Trichlorobenzene    | ug/L  | 50          | 44.8       | 90        | 63-130       |            |
| 1,2,3-Trichloropropane    | ug/L  | 50          | 43.7       | 87        | 50-139       |            |
| 1,2,4-Trichlorobenzene    | ug/L  | 50          | 43.3       | 87        | 61-129       |            |
| 1,2,4-Trimethylbenzene    | ug/L  | 50          | 42.6       | 85        | 72-128       |            |
| 1,2-Dibromoethane (EDB)   | ug/L  | 50          | 44.3       | 89        | 70-130       |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

LABORATORY CONTROL SAMPLE: 48779

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,2-Dichlorobenzene         | ug/L  | 50          | 46.2       | 92        | 72-129       |            |
| 1,2-Dichloroethane          | ug/L  | 50          | 44.6       | 89        | 66-131       |            |
| 1,2-Dichloropropane         | ug/L  | 50          | 49.2       | 98        | 72-125       |            |
| 1,3,5-Trimethylbenzene      | ug/L  | 50          | 41.1       | 82        | 72-130       |            |
| 1,3-Dichlorobenzene         | ug/L  | 50          | 45.7       | 91        | 74-128       |            |
| 1,3-Dichloropropane         | ug/L  | 50          | 50.3       | 101       | 70-130       |            |
| 1,4-Dichlorobenzene         | ug/L  | 50          | 43.9       | 88        | 72-124       |            |
| 2,2-Dichloropropane         | ug/L  | 50          | 34.0       | 68        | 62-134       |            |
| 2-Butanone (MEK)            | ug/L  | 250         | 252        | 101       | 44-150       |            |
| 2-Chlorotoluene             | ug/L  | 50          | 43.1       | 86        | 74-133       |            |
| 2-Hexanone                  | ug/L  | 250         | 211        | 84        | 38-150       |            |
| 4-Chlorotoluene             | ug/L  | 50          | 46.7       | 93        | 73-129       |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | 250         | 208        | 83        | 55-142       |            |
| Acetone                     | ug/L  | 250         | 218        | 87        | 29-150       |            |
| Acrylonitrile               | ug/L  | 1000        | 1020       | 102       | 50-150       |            |
| Benzene                     | ug/L  | 50          | 50.1       | 100       | 75-126       |            |
| Bromobenzene                | ug/L  | 50          | 47.0       | 94        | 72-129       |            |
| Bromoform                   | ug/L  | 50          | 47.7       | 95        | 67-139       |            |
| Bromochloromethane          | ug/L  | 50          | 42.8       | 86        | 70-130       |            |
| Bromodichloromethane        | ug/L  | 50          | 34.2       | 68        | 63-127       |            |
| Bromomethane                | ug/L  | 50          | 52.7       | 105       | 43-146       |            |
| Carbon disulfide            | ug/L  | 100         | 96.7       | 97        | 52-172       |            |
| Carbon tetrachloride        | ug/L  | 50          | 35.1       | 70        | 65-125       |            |
| Chlorobenzene               | ug/L  | 50          | 46.5       | 93        | 74-123       |            |
| Chloroethane                | ug/L  | 50          | 49.9       | 100       | 61-141       |            |
| Chloroform                  | ug/L  | 50          | 48.2       | 96        | 68-127       |            |
| Chloromethane               | ug/L  | 50          | 49.3       | 99        | 42-138       |            |
| cis-1,2-Dichloroethene      | ug/L  | 50          | 48.4       | 97        | 77-132       |            |
| cis-1,3-Dichloropropene     | ug/L  | 50          | 34.4       | 69        | 60-119       |            |
| Dibromochloromethane        | ug/L  | 50          | 39.0       | 78        | 72-133       |            |
| Dibromomethane              | ug/L  | 50          | 49.2       | 98        | 76-133       |            |
| Dichlorodifluoromethane     | ug/L  | 50          | 48.8       | 98        | 50-179       |            |
| Ethylbenzene                | ug/L  | 50          | 47.0       | 94        | 70-129       |            |
| Hexachloro-1,3-butadiene    | ug/L  | 50          | 49.3       | 99        | 71-132       |            |
| Iodomethane                 | ug/L  | 100         | 106        | 106       | 70-130       |            |
| Isopropylbenzene (Cumene)   | ug/L  | 50          | 44.1       | 88        | 74-126       |            |
| Methyl-tert-butyl ether     | ug/L  | 100         | 97.8       | 98        | 68-139       |            |
| Methylene chloride          | ug/L  | 50          | 25.8       | 52        | 50-119       |            |
| n-Butylbenzene              | ug/L  | 50          | 42.2       | 84        | 70-130       |            |
| n-Propylbenzene             | ug/L  | 50          | 40.9       | 82        | 74-135       |            |
| Naphthalene                 | ug/L  | 50          | 43.3       | 87        | 56-134       |            |
| p-Isopropyltoluene          | ug/L  | 50          | 39.5       | 79        | 70-133       |            |
| sec-Butylbenzene            | ug/L  | 50          | 42.8       | 86        | 75-133       |            |
| Styrene                     | ug/L  | 50          | 45.8       | 92        | 75-125       |            |
| tert-Butylbenzene           | ug/L  | 50          | 39.5       | 79        | 69-121       |            |
| Tetrachloroethene           | ug/L  | 50          | 41.7       | 83        | 55-121       |            |
| Toluene                     | ug/L  | 50          | 46.6       | 93        | 72-126       |            |
| trans-1,2-Dichloroethene    | ug/L  | 50          | 50.1       | 100       | 73-131       |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

LABORATORY CONTROL SAMPLE: 48779

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| trans-1,3-Dichloropropene   | ug/L  | 50          | 33.8       | 68        | 59-119       |            |
| trans-1,4-Dichloro-2-butene | ug/L  | 50          | 32.6J      | 65        | 50-150       |            |
| Trichloroethene             | ug/L  | 50          | 45.0       | 90        | 73-123       |            |
| Trichlorofluoromethane      | ug/L  | 50          | 48.8       | 98        | 65-145       |            |
| Vinyl acetate               | ug/L  | 200         | 175        | 87        | 50-150       |            |
| Vinyl chloride              | ug/L  | 50          | 48.6       | 97        | 54-139       |            |
| Xylene (Total)              | ug/L  | 150         | 138        | 92        | 72-127       |            |
| 4-Bromofluorobenzene (S)    | %     |             |            | 97        | 73-120       |            |
| Dibromofluoromethane (S)    | %     |             |            | 103       | 82-122       |            |
| Toluene-d8 (S)              | %     |             |            | 97        | 80-120       |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

|                         |           |                       |          |
|-------------------------|-----------|-----------------------|----------|
| QC Batch:               | MSV/3302  | Analysis Method:      | EPA 8260 |
| QC Batch Method:        | EPA 8260  | Analysis Description: | 8260 MSV |
| Associated Lab Samples: | 504664024 |                       |          |

METHOD BLANK: 49208

Associated Lab Samples: 504664024

| Parameter                   | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------------|
| 1,1,1,2-Tetrachloroethane   | ug/L  | ND           | 5.0             |            |
| 1,1,1-Trichloroethane       | ug/L  | ND           | 5.0             |            |
| 1,1,2,2-Tetrachloroethane   | ug/L  | ND           | 5.0             |            |
| 1,1,2-Trichloroethane       | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloroethane          | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloroethene          | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloropropene         | ug/L  | ND           | 5.0             |            |
| 1,2,3-Trichlorobenzene      | ug/L  | ND           | 5.0             |            |
| 1,2,3-Trichloropropane      | ug/L  | ND           | 5.0             |            |
| 1,2,4-Trichlorobenzene      | ug/L  | ND           | 5.0             |            |
| 1,2,4-Trimethylbenzene      | ug/L  | ND           | 5.0             |            |
| 1,2-Dibromoethane (EDB)     | ug/L  | ND           | 5.0             |            |
| 1,2-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 1,2-Dichloroethane          | ug/L  | ND           | 5.0             |            |
| 1,2-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 1,3,5-Trimethylbenzene      | ug/L  | ND           | 5.0             |            |
| 1,3-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 1,3-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 1,4-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 2,2-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 2-Butanone (MEK)            | ug/L  | ND           | 25.0            |            |
| 2-Chlorotoluene             | ug/L  | ND           | 5.0             |            |
| 2-Hexanone                  | ug/L  | ND           | 25.0            |            |
| 4-Chlorotoluene             | ug/L  | ND           | 5.0             |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | ND           | 25.0            |            |
| Acetone                     | ug/L  | ND           | 100             |            |
| Acrolein                    | ug/L  | ND           | 100             |            |
| Acrylonitrile               | ug/L  | ND           | 100             |            |
| Benzene                     | ug/L  | ND           | 5.0             |            |
| Bromobenzene                | ug/L  | ND           | 5.0             |            |
| Bromochloromethane          | ug/L  | ND           | 5.0             |            |
| Bromodichloromethane        | ug/L  | ND           | 5.0             |            |
| Bromoform                   | ug/L  | ND           | 5.0             |            |
| Bromomethane                | ug/L  | ND           | 5.0             |            |
| Carbon disulfide            | ug/L  | ND           | 10.0            |            |
| Carbon tetrachloride        | ug/L  | ND           | 5.0             |            |
| Chlorobenzene               | ug/L  | ND           | 5.0             |            |
| Chloroethane                | ug/L  | ND           | 5.0             |            |
| Chloroform                  | ug/L  | ND           | 5.0             |            |
| Chloromethane               | ug/L  | ND           | 5.0             |            |
| cis-1,2-Dichloroethene      | ug/L  | ND           | 5.0             |            |
| cis-1,3-Dichloropropene     | ug/L  | ND           | 5.0             |            |
| Dibromochloromethane        | ug/L  | ND           | 5.0             |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

METHOD BLANK: 49208

Associated Lab Samples: 504664024

| Parameter                   | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------------|
| Dibromomethane              | ug/L  | ND           | 5.0             |            |
| Dichlorodifluoromethane     | ug/L  | ND           | 5.0             |            |
| Ethyl methacrylate          | ug/L  | ND           | 100             |            |
| Ethylbenzene                | ug/L  | ND           | 5.0             |            |
| Hexachloro-1,3-butadiene    | ug/L  | ND           | 5.0             |            |
| Iodomethane                 | ug/L  | ND           | 10.0            |            |
| Isopropylbenzene (Cumene)   | ug/L  | ND           | 5.0             |            |
| Methyl-tert-butyl ether     | ug/L  | ND           | 4.0             |            |
| Methylene chloride          | ug/L  | ND           | 5.0             |            |
| n-Butylbenzene              | ug/L  | ND           | 5.0             |            |
| n-Propylbenzene             | ug/L  | ND           | 5.0             |            |
| Naphthalene                 | ug/L  | ND           | 5.0             |            |
| p-Isopropyltoluene          | ug/L  | ND           | 5.0             |            |
| sec-Butylbenzene            | ug/L  | ND           | 5.0             |            |
| Styrene                     | ug/L  | ND           | 5.0             |            |
| tert-Butylbenzene           | ug/L  | ND           | 5.0             |            |
| Tetrachloroethene           | ug/L  | ND           | 5.0             |            |
| Toluene                     | ug/L  | ND           | 5.0             |            |
| trans-1,2-Dichloroethene    | ug/L  | ND           | 5.0             |            |
| trans-1,3-Dichloropropene   | ug/L  | ND           | 5.0             |            |
| trans-1,4-Dichloro-2-butene | ug/L  | ND           | 100             |            |
| Trichloroethene             | ug/L  | ND           | 5.0             |            |
| Trichlorofluoromethane      | ug/L  | ND           | 5.0             |            |
| Vinyl acetate               | ug/L  | ND           | 10.0            |            |
| Vinyl chloride              | ug/L  | ND           | 2.0             |            |
| Xylene (Total)              | ug/L  | ND           | 10.0            |            |
| 4-Bromofluorobenzene (S)    | %     | 87           | 73-120          |            |
| Dibromofluoromethane (S)    | %     | 97           | 82-122          |            |
| Toluene-d8 (S)              | %     | 100          | 80-120          |            |

LABORATORY CONTROL SAMPLE: 49209

| Parameter                 | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L  | 50          | 38.2       | 76        | 70-126       |            |
| 1,1,1-Trichloroethane     | ug/L  | 50          | 43.1       | 86        | 70-128       |            |
| 1,1,2,2-Tetrachloroethane | ug/L  | 50          | 42.0       | 84        | 66-134       |            |
| 1,1,2-Trichloroethane     | ug/L  | 50          | 47.4       | 95        | 71-131       |            |
| 1,1-Dichloroethane        | ug/L  | 50          | 47.1       | 94        | 72-125       |            |
| 1,1-Dichloroethene        | ug/L  | 50          | 55.1       | 110       | 66-140       |            |
| 1,1-Dichloropropene       | ug/L  | 50          | 52.7       | 105       | 72-125       |            |
| 1,2,3-Trichlorobenzene    | ug/L  | 50          | 46.1       | 92        | 63-130       |            |
| 1,2,3-Trichloropropane    | ug/L  | 50          | 41.1       | 82        | 50-139       |            |
| 1,2,4-Trichlorobenzene    | ug/L  | 50          | 47.8       | 96        | 61-129       |            |
| 1,2,4-Trimethylbenzene    | ug/L  | 50          | 48.7       | 97        | 72-128       |            |
| 1,2-Dibromoethane (EDB)   | ug/L  | 50          | 43.7       | 87        | 70-130       |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046

Pace Project No.: 504664

LABORATORY CONTROL SAMPLE: 49209

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,2-Dichlorobenzene         | ug/L  | 50          | 48.1       | 96        | 72-129       |            |
| 1,2-Dichloroethane          | ug/L  | 50          | 45.3       | 91        | 66-131       |            |
| 1,2-Dichloropropane         | ug/L  | 50          | 46.8       | 94        | 72-125       |            |
| 1,3,5-Trimethylbenzene      | ug/L  | 50          | 48.2       | 96        | 72-130       |            |
| 1,3-Dichlorobenzene         | ug/L  | 50          | 48.6       | 97        | 74-128       |            |
| 1,3-Dichloropropane         | ug/L  | 50          | 47.7       | 95        | 70-130       |            |
| 1,4-Dichlorobenzene         | ug/L  | 50          | 47.3       | 95        | 72-124       |            |
| 2,2-Dichloropropane         | ug/L  | 50          | 43.0       | 86        | 62-134       |            |
| 2-Butanone (MEK)            | ug/L  | 250         | 237        | 95        | 44-150       |            |
| 2-Chlorotoluene             | ug/L  | 50          | 48.2       | 96        | 74-133       |            |
| 2-Hexanone                  | ug/L  | 250         | 206        | 82        | 38-150       |            |
| 4-Chlorotoluene             | ug/L  | 50          | 51.0       | 102       | 73-129       |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | 250         | 202        | 81        | 55-142       |            |
| Acetone                     | ug/L  | 250         | 250        | 100       | 29-150       |            |
| Acrylonitrile               | ug/L  | 1000        | 906        | 91        | 50-150       |            |
| Benzene                     | ug/L  | 50          | 50.4       | 101       | 75-126       |            |
| Bromobenzene                | ug/L  | 50          | 47.4       | 95        | 72-129       |            |
| Bromoform                   | ug/L  | 50          | 43.5       | 87        | 67-139       |            |
| Bromochloromethane          | ug/L  | 50          | 41.8       | 84        | 70-130       |            |
| Bromodichloromethane        | ug/L  | 50          | 35.3       | 71        | 63-127       |            |
| Bromoform                   | ug/L  | 50          | 60.3       | 121       | 43-146       |            |
| Carbon disulfide            | ug/L  | 100         | 107        | 107       | 52-172       |            |
| Carbon tetrachloride        | ug/L  | 50          | 36.7       | 73        | 65-125       |            |
| Chlorobenzene               | ug/L  | 50          | 48.1       | 96        | 74-123       |            |
| Chloroethane                | ug/L  | 50          | 29.7       | 59        | 61-141 LO    |            |
| Chloroform                  | ug/L  | 50          | 50.4       | 101       | 68-127       |            |
| Chloromethane               | ug/L  | 50          | 56.4       | 113       | 42-138       |            |
| cis-1,2-Dichloroethene      | ug/L  | 50          | 49.3       | 99        | 77-132       |            |
| cis-1,3-Dichloropropene     | ug/L  | 50          | 38.6       | 77        | 60-119       |            |
| Dibromochloromethane        | ug/L  | 50          | 40.2       | 80        | 72-133       |            |
| Dibromomethane              | ug/L  | 50          | 45.2       | 90        | 76-133       |            |
| Dichlorodifluoromethane     | ug/L  | 50          | 53.7       | 107       | 50-179       |            |
| Ethyl methacrylate          | ug/L  | 50          | ND         | 73        | 70-130       |            |
| Ethylbenzene                | ug/L  | 50          | 50.4       | 101       | 70-129       |            |
| Hexachloro-1,3-butadiene    | ug/L  | 50          | 52.8       | 106       | 71-132       |            |
| Iodomethane                 | ug/L  | 100         | 114        | 114       | 70-130       |            |
| Isopropylbenzene (Cumene)   | ug/L  | 50          | 62.1       | 124       | 74-126       |            |
| Methyl-tert-butyl ether     | ug/L  | 100         | 97.0       | 97        | 68-139       |            |
| Methylene chloride          | ug/L  | 50          | 23.4       | 47        | 50-119 LO    |            |
| n-Butylbenzene              | ug/L  | 50          | 50.6       | 101       | 70-130       |            |
| n-Propylbenzene             | ug/L  | 50          | 47.1       | 94        | 74-135       |            |
| Naphthalene                 | ug/L  | 50          | 44.8       | 90        | 56-134       |            |
| p-Isopropyltoluene          | ug/L  | 50          | 50.9       | 102       | 70-133       |            |
| sec-Butylbenzene            | ug/L  | 50          | 48.1       | 96        | 75-133       |            |
| Styrene                     | ug/L  | 50          | 46.2       | 92        | 75-125       |            |
| tert-Butylbenzene           | ug/L  | 50          | 45.4       | 91        | 69-121       |            |
| Tetrachloroethene           | ug/L  | 50          | 45.3       | 91        | 55-121       |            |
| Toluene                     | ug/L  | 50          | 50.0       | 100       | 72-126       |            |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

LABORATORY CONTROL SAMPLE: 49209

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| trans-1,2-Dichloroethene    | ug/L  | 50          | 52.1       | 104       | 73-131       |            |
| trans-1,3-Dichloropropene   | ug/L  | 50          | 36.7       | 73        | 59-119       |            |
| trans-1,4-Dichloro-2-butene | ug/L  | 50          | 35.1J      | 70        | 50-150       |            |
| Trichloroethene             | ug/L  | 50          | 48.2       | 96        | 73-123       |            |
| Trichlorofluoromethane      | ug/L  | 50          | 55.2       | 110       | 65-145       |            |
| Vinyl acetate               | ug/L  | 200         | 170        | 85        | 50-150       |            |
| Vinyl chloride              | ug/L  | 50          | 52.9       | 106       | 54-139       |            |
| Xylene (Total)              | ug/L  | 150         | 148        | 99        | 72-127       |            |
| 4-Bromofluorobenzene (S)    | %     |             |            | 95        | 73-120       |            |
| Dibromofluoromethane (S)    | %     |             |            | 100       | 82-122       |            |
| Toluene-d8 (S)              | %     |             |            | 102       | 80-120       |            |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 49210      49211

| Parameter                   | Units | 504785008 |             | MS          |           | MSD        |            | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD | Qual |
|-----------------------------|-------|-----------|-------------|-------------|-----------|------------|------------|----------|-----------|--------------|---------|-----|------|
|                             |       | Result    | Spike Conc. | Spike Conc. | MS Result | MSD Result | MSD Result |          |           |              |         |     |      |
| 1,1,1,2-Tetrachloroethane   | ug/L  | ND        | 50          | 50          | 28.4      | 32.9       | 57         | 66       | 54-134    | 15           | 20      |     |      |
| 1,1,1-Trichloroethane       | ug/L  | ND        | 50          | 50          | 37.3      | 40.4       | 75         | 81       | 63-130    | 8            | 20      |     |      |
| 1,1,2,2-Tetrachloroethane   | ug/L  | ND        | 50          | 50          | 42.1      | 42.8       | 84         | 86       | 59-139    | 2            | 20      |     |      |
| 1,1,2-Trichloroethane       | ug/L  | ND        | 50          | 50          | 46.1      | 46.7       | 92         | 93       | 64-136    | 1            | 20      |     |      |
| 1,1-Dichloroethane          | ug/L  | ND        | 50          | 50          | 47.9      | 48.2       | 96         | 96       | 67-129    | 1            | 20      |     |      |
| 1,1-Dichloroethene          | ug/L  | ND        | 50          | 50          | 54.2      | 55.3       | 108        | 111      | 59-150    | 2            | 20      |     |      |
| 1,1-Dichloropropene         | ug/L  | ND        | 50          | 50          | 52.7      | 53.4       | 105        | 107      | 68-127    | 1            | 20      |     |      |
| 1,2,3-Trichlorobenzene      | ug/L  | ND        | 50          | 50          | 42.9      | 43.9       | 86         | 88       | 39-136    | 2            | 20      |     |      |
| 1,2,3-Trichloropropane      | ug/L  | ND        | 50          | 50          | 35.6      | 43.9       | 71         | 88       | 41-137    | 21           | 20      |     |      |
| 1,2,4-Trichlorobenzene      | ug/L  | ND        | 50          | 50          | 41.2      | 44.5       | 82         | 89       | 34-137    | 8            | 20      |     |      |
| 1,2,4-Trimethylbenzene      | ug/L  | ND        | 50          | 50          | 40.0      | 39.8       | 80         | 80       | 36-143    | 0            | 20      |     |      |
| 1,2-Dibromoethane (EDB)     | ug/L  | ND        | 50          | 50          | 40.5      | 40.0       | 81         | 80       | 64-132    | 1            | 20      |     |      |
| 1,2-Dichlorobenzene         | ug/L  | ND        | 50          | 50          | 45.7      | 46.8       | 91         | 94       | 52-136    | 2            | 20      |     |      |
| 1,2-Dichloroethane          | ug/L  | ND        | 50          | 50          | 42.3      | 45.4       | 85         | 91       | 62-134    | 7            | 20      |     |      |
| 1,2-Dichloropropane         | ug/L  | ND        | 50          | 50          | 48.5      | 50.1       | 97         | 100      | 67-128    | 3            | 20      |     |      |
| 1,3,5-Trimethylbenzene      | ug/L  | ND        | 50          | 50          | 42.5      | 43.2       | 85         | 86       | 33-145    | 2            | 20      |     |      |
| 1,3-Dichlorobenzene         | ug/L  | ND        | 50          | 50          | 47.0      | 48.4       | 94         | 97       | 47-139    | 3            | 20      |     |      |
| 1,3-Dichloropropane         | ug/L  | ND        | 50          | 50          | 48.2      | 47.4       | 96         | 95       | 63-134    | 2            | 20      |     |      |
| 1,4-Dichlorobenzene         | ug/L  | ND        | 50          | 50          | 45.0      | 46.5       | 90         | 93       | 46-135    | 3            | 20      |     |      |
| 2,2-Dichloropropane         | ug/L  | ND        | 50          | 50          | 32.5      | 36.3       | 65         | 73       | 51-136    | 11           | 20      |     |      |
| 2-Butanone (MEK)            | ug/L  | ND        | 250         | 250         | 229       | 229        | 92         | 92       | 54-148    | 0            | 20      |     |      |
| 2-Chlorotoluene             | ug/L  | ND        | 50          | 50          | 48.8      | 48.7       | 98         | 97       | 43-147    | 0            | 20      |     |      |
| 2-Hexanone                  | ug/L  | ND        | 250         | 250         | 194       | 198        | 78         | 79       | 60-140    | 2            | 20      |     |      |
| 4-Chlorotoluene             | ug/L  | ND        | 50          | 50          | 51.4      | 50.1       | 103        | 100      | 46-139    | 3            | 20      |     |      |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | ND        | 250         | 250         | 201       | 200        | 80         | 80       | 56-147    | 1            | 20      |     |      |
| Acetone                     | ug/L  | ND        | 250         | 250         | 185       | 194        | 74         | 78       | 27-163    | 5            | 20      |     |      |
| Acrylonitrile               | ug/L  | ND        | 1000        | 1000        | 888       | 911        | 89         | 91       | 50-150    | 3            | 20      |     |      |
| Benzene                     | ug/L  | ND        | 50          | 50          | 51.3      | 53.0       | 103        | 106      | 66-135    | 3            | 20      |     |      |
| Bromobenzene                | ug/L  | ND        | 50          | 50          | 47.6      | 47.9       | 95         | 96       | 57-135    | 1            | 20      |     |      |
| Bromochloromethane          | ug/L  | ND        | 50          | 50          | 42.9      | 44.4       | 86         | 89       | 61-142    | 3            | 20      |     |      |
| Bromodichloromethane        | ug/L  | ND        | 50          | 50          | 35.6      | 39.0       | 71         | 78       | 60-135    | 9            | 20      |     |      |

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## QUALITY CONTROL DATA

Project: Michigan Meadows / M01046  
 Pace Project No.: 504664

| Parameter                   | Units | 504785008 |             | MS          |        | MSD        |       | MS        |         | MSD       |           | % Rec Limits | RPD | Max RPD | Qual |
|-----------------------------|-------|-----------|-------------|-------------|--------|------------|-------|-----------|---------|-----------|-----------|--------------|-----|---------|------|
|                             |       | Result    | Spike Conc. | Spike Conc. | Result | MSD Result | % Rec | MSD % Rec | % Rec   | MSD % Rec | % Rec     |              |     |         |      |
| Bromoform                   | ug/L  | ND        | 50          | 50          | 26.7   | 30.6       | 53    | 61        | 50-127  | 14        | 20        |              |     |         |      |
| Bromomethane                | ug/L  | ND        | 50          | 50          | 62.6   | 62.6       | 125   | 125       | 32-148  | 0         | 20        |              |     |         |      |
| Carbon disulfide            | ug/L  | ND        | 100         | 100         | 107    | 111        | 107   | 111       | 46-173  | 3         | 20        |              |     |         |      |
| Carbon tetrachloride        | ug/L  | ND        | 50          | 50          | 28.2   | 31.0       | 56    | 62        | 51-130  | 10        | 20        |              |     |         |      |
| Chlorobenzene               | ug/L  | ND        | 50          | 50          | 48.4   | 48.0       | 97    | 96        | 59-135  | 1         | 20        |              |     |         |      |
| Chloroethane                | ug/L  | ND        | 50          | 50          | 31.2   | 32.8       | 62    | 66        | 58-153  | 5         | 20        |              |     |         |      |
| Chloroform                  | ug/L  | ND        | 50          | 50          | 49.2   | 51.9       | 98    | 104       | 61-133  | 5         | 20        |              |     |         |      |
| Chloromethane               | ug/L  | ND        | 50          | 50          | 56.8   | 59.9       | 114   | 120       | 44-135  | 5         | 20        |              |     |         |      |
| cis-1,2-Dichloroethene      | ug/L  | ND        | 50          | 50          | 51.2   | 52.2       | 102   | 104       | 75-133  | 2         | 20        |              |     |         |      |
| cis-1,3-Dichloropropene     | ug/L  | ND        | 50          | 50          | 33.9   | 35.8       | 68    | 72        | 51-121  | 5         | 20        |              |     |         |      |
| Dibromochloromethane        | ug/L  | ND        | 50          | 50          | 31.2   | 34.6       | 62    | 69        | 56-139  | 10        | 20        |              |     |         |      |
| Dibromomethane              | ug/L  | ND        | 50          | 50          | 42.2   | 44.3       | 84    | 89        | 70-136  | 5         | 20        |              |     |         |      |
| Dichlorodifluoromethane     | ug/L  | ND        | 50          | 50          | 55.3   | 55.2       | 111   | 110       | 25-175  | 0         | 20        |              |     |         |      |
| Ethyl methacrylate          | ug/L  | ND        | 50          | 50          | ND     | ND         | 50    | 54        | 50-150  | 8         | 20        |              |     |         |      |
| Ethylbenzene                | ug/L  | ND        | 50          | 50          | 51.2   | 50.9       | 102   | 102       | 59-143  | 0         | 20        |              |     |         |      |
| Hexachloro-1,3-butadiene    | ug/L  | ND        | 50          | 50          | 46.0   | 51.3       | 92    | 103       | 50-155  | 11        | 20        |              |     |         |      |
| Iodomethane                 | ug/L  | ND        | 100         | 100         | 103    | 112        | 103   | 112       | 70-130  | 8         | 20        |              |     |         |      |
| Isopropylbenzene (Cumene)   | ug/L  | ND        | 50          | 50          | 61.3   | 60.9       | 123   | 122       | 48-139  | 1         | 20        |              |     |         |      |
| Methyl-tert-butyl ether     | ug/L  | ND        | 100         | 100         | 94.0   | 97.0       | 94    | 97        | 62-147  | 3         | 20        |              |     |         |      |
| Methylene chloride          | ug/L  | ND        | 50          | 50          | 31.2   | 33.6       | 62    | 67        | 46-119  | 7         | 20        |              |     |         |      |
| n-Butylbenzene              | ug/L  | ND        | 50          | 50          | 47.6   | 48.9       | 95    | 98        | 50-156  | 3         | 20        |              |     |         |      |
| n-Propylbenzene             | ug/L  | ND        | 50          | 50          | 47.8   | 48.1       | 96    | 96        | 33-153  | 1         | 20        |              |     |         |      |
| Naphthalene                 | ug/L  | ND        | 50          | 50          | 282    | 48.2       | 565   | 96        | 40-136  | 142       | 20 M0, R1 |              |     |         |      |
| p-Isopropyltoluene          | ug/L  | ND        | 50          | 50          | 48.9   | 49.8       | 98    | 100       | 38-143  | 2         | 20        |              |     |         |      |
| sec-Butylbenzene            | ug/L  | ND        | 50          | 50          | 48.3   | 48.2       | 97    | 96        | 35-151  | 0         | 20        |              |     |         |      |
| Styrene                     | ug/L  | ND        | 50          | 50          | 32.3   | 31.8       | 65    | 64        | 53-133  | 2         | 20        |              |     |         |      |
| tert-Butylbenzene           | ug/L  | ND        | 50          | 50          | 45.4   | 45.2       | 91    | 90        | 37-136  | 0         | 20        |              |     |         |      |
| Tetrachloroethene           | ug/L  | 8.9       | 50          | 50          | 55.5   | 56.9       | 93    | 96        | 40-127  | 3         | 20        |              |     |         |      |
| Toluene                     | ug/L  | ND        | 50          | 50          | 50.0   | 50.1       | 100   | 100       | 63-137  | 0         | 20        |              |     |         |      |
| trans-1,2-Dichloroethene    | ug/L  | ND        | 50          | 50          | 52.2   | 54.4       | 104   | 109       | 70-134  | 4         | 20        |              |     |         |      |
| trans-1,3-Dichloropropene   | ug/L  | ND        | 50          | 50          | 28.8   | 31.1       | 58    | 62        | 49-121- | 8         | 20        |              |     |         |      |
| trans-1,4-Dichloro-2-butene | ug/L  | ND        | 50          | 50          | 27.1J  | 30.8J      | 54    | 62        | 50-150  | 13        | 20        |              |     |         |      |
| Trichloroethene             | ug/L  | 111       | 50          | 50          | 165    | 167        | 108   | 111       | 61-131  | 1         | 20        |              |     |         |      |
| Trichlorofluoromethane      | ug/L  | ND        | 50          | 50          | 55.0   | 56.8       | 110   | 114       | 64-146  | 3         | 20        |              |     |         |      |
| Vinyl acetate               | ug/L  | ND        | 200         | 200         | 97.7   | 109        | 49    | 55        | 50-150  | 11        | 20 M0     |              |     |         |      |
| Vinyl chloride              | ug/L  | ND        | 50          | 50          | 53.5   | 55.4       | 107   | 111       | 54-140  | 4         | 20        |              |     |         |      |
| Xylene (Total)              | ug/L  | ND        | 150         | 150         | 142    | 140        | 95    | 93        | 54-140  | 2         | 20        |              |     |         |      |
| 4-Bromofluorobenzene (S)    | %     |           |             |             |        |            | 96    | 95        | 73-120  |           | 20        |              |     |         |      |
| Dibromofluoromethane (S)    | %     |           |             |             |        |            | 96    | 95        | 82-122  |           | 20        |              |     |         |      |
| Toluene-d8 (S)              | %     |           |             |             |        |            | 103   | 101       | 80-120  |           | 20        |              |     |         |      |

Date: 06/28/2007 05:18 PM

### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: Michigan Meadows / M01046  
Pace Project No.: 504664

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

### ANALYTE QUALIFIERS

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

M0 Matrix spike recovery was outside laboratory control limits.

R1 RPD value was outside control limits.

1d Sample could not be analyzed at a lower dilution due to the high concentration of PCE aa 6/26/07

## REPORT OF LABORATORY ANALYSIS

Page 78 of 78

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# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

*PaceAnalytical®*

## Section A Required Client Information:

Company: **Mundell's Associates Inc.**  
Address: **429 E. Vermont St. Ste 200**  
**Indianapolis, IN 46202**

Email To:

Phone: **317-630-9060**  
**Fax: 317-630-9065**

Requested Due Date/AT: **2 wks.**

## Section B Required Project Information:

Report To: **Leanne Lothe**  
Copy To: **John Mundell**

Purchase Order No.: **MO1046**

Project Name: **Michigan Meadows**

Pace Profile #: **WATER**

## Section C Invoice Information:

Address: **Science**

Pace Quote Reference:

Pace Project Manager:

Page: **1 of 3**  
**1052064**

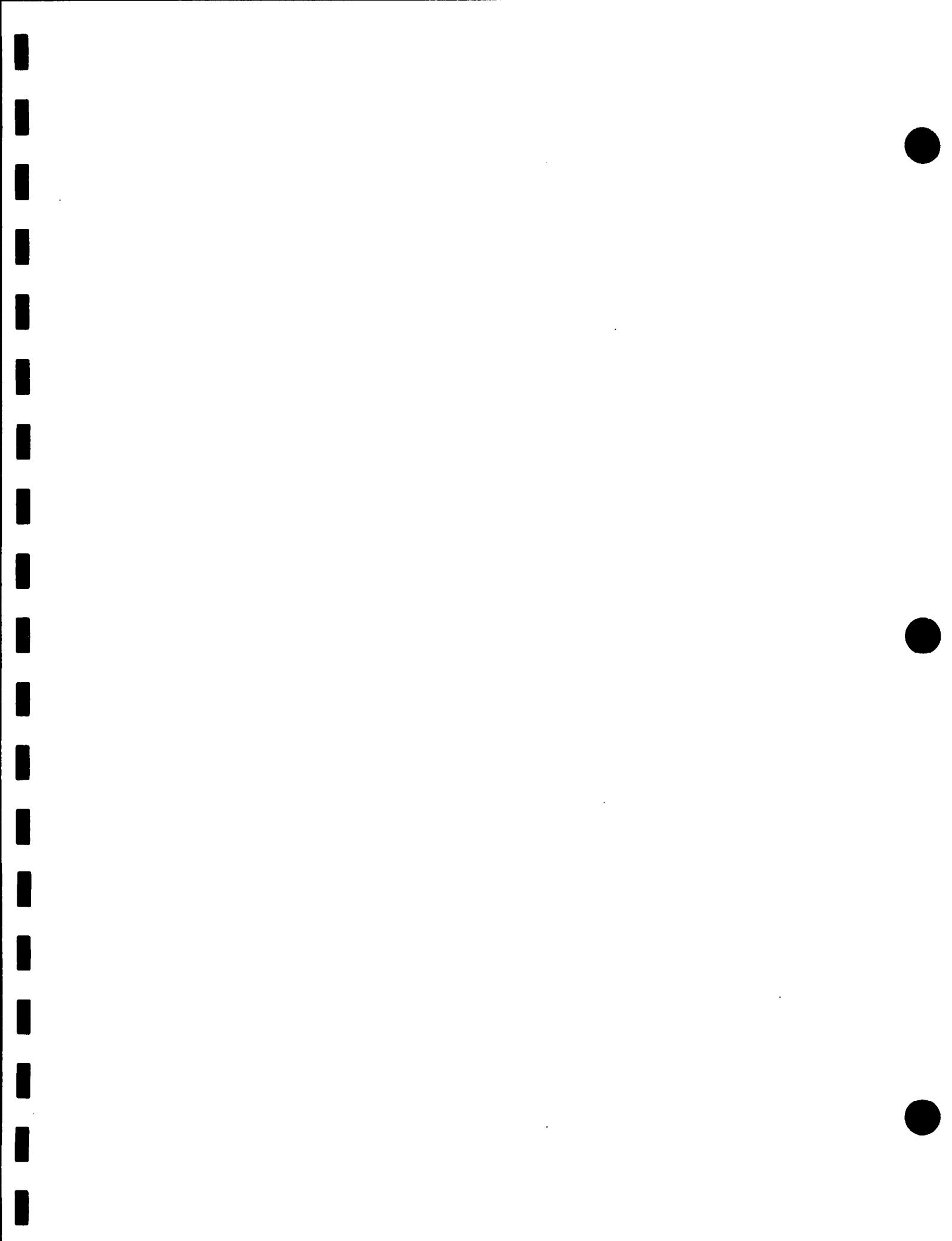
|   |                               |                              |                              |                                |                             |                              |
|---|-------------------------------|------------------------------|------------------------------|--------------------------------|-----------------------------|------------------------------|
| SITE LOCATION   | <input type="checkbox"/> GFA  | <input type="checkbox"/> GIL | <input type="checkbox"/> JIN | <input type="checkbox"/> LIM   | <input type="checkbox"/> MN | <input type="checkbox"/> INC |
| UST   | <input type="checkbox"/> RCRA | <input type="checkbox"/> SC  | <input type="checkbox"/> WI  | <input type="checkbox"/> OTHER |                             |                              |
| REGULATORY AGENCY   |                               |                              |                              |                                |                             |                              |
| <input type="checkbox"/> NAPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER |                               |                              |                              |                                |                             |                              |
| <input type="checkbox"/> Other  |                               |                              |                              |                                |                             |                              |

| ITEM # | Section D Required Client Information |      |                | Valid Matrix Codes |    |       |
|--------|---------------------------------------|------|----------------|--------------------|----|-------|
|        | MATRIX                                | CODE | DRINKING WATER | WATER              | WT | WATER |
|        |                                       | WT   | WW             | WT                 | WW |       |
|        |                                       | SL   | SL             | SL                 | SL |       |
|        |                                       | SP   | SP             | SP                 | SP |       |
|        |                                       | SL   | SL             | SL                 | SL |       |
|        |                                       | AR   | AR             | AR                 | AR |       |
|        |                                       | OT   | OT             | OT                 | OT |       |
|        |                                       | TS   | TS             | TS                 | TS |       |
| 1      | M M W - 1 S                           |      |                |                    |    |       |
| 2      | M M W - 8 S                           |      |                |                    |    |       |
| 3      | M M W - 9 S                           |      |                |                    |    |       |
| 4      | M M W - 10 S                          |      |                |                    |    |       |
| 5      | M M W - 11 S                          |      |                |                    |    |       |
| 6      | M M W - P - 0 1                       |      |                |                    |    |       |
| 7      | M M W - P - 0 2                       |      |                |                    |    |       |
| 8      | M M W - P - 0 3 S                     |      |                |                    |    |       |
| 9      | M M W - P - 0 3 D                     |      |                |                    |    |       |
| 10     | M M W - P - 0 4                       |      |                |                    |    |       |
| 11     | M M W - P - 0 5                       |      |                |                    |    |       |
| 12     | M M W - P - 0 6                       |      |                |                    |    |       |

| ITEM # | Section D Required Client Information |      |                | Valid Matrix Codes |    |       |
|--------|---------------------------------------|------|----------------|--------------------|----|-------|
|        | MATRIX                                | CODE | DRINKING WATER | WATER              | WT | WATER |
|        |                                       | WT   | WW             | WT                 | WW |       |
|        |                                       | SL   | SL             | SL                 | SL |       |
|        |                                       | SP   | SP             | SP                 | SP |       |
|        |                                       | SL   | SL             | SL                 | SL |       |
|        |                                       | AR   | AR             | AR                 | AR |       |
|        |                                       | OT   | OT             | OT                 | OT |       |
|        |                                       | TS   | TS             | TS                 | TS |       |
| 1      | WT                                    | G    | 6/14/01        | 11:35A             |    |       |
| 2      |                                       |      |                | 11:35A             |    |       |
| 3      |                                       |      |                | 12:05P             |    |       |
| 4      |                                       |      |                | 12:10P             |    |       |
| 5      |                                       |      |                | 11:45A             |    |       |
| 6      |                                       |      |                | 3:00P              |    |       |
| 7      |                                       |      |                | 1:30P              |    |       |
| 8      |                                       |      |                | 1:30P              |    |       |
| 9      |                                       |      |                | 2:00P              |    |       |
| 10     |                                       |      |                | 2:00P              |    |       |
| 11     |                                       |      |                | 2:05P              |    |       |
| 12     |                                       |      |                | 2:15P              |    |       |

| ITEM # | Section D Required Client Information |      |                | Valid Matrix Codes |    |       |
|--------|---------------------------------------|------|----------------|--------------------|----|-------|
|        | MATRIX                                | CODE | DRINKING WATER | WATER              | WT | WATER |
|        |                                       | WT   | WW             | WT                 | WW |       |
|        |                                       | SL   | SL             | SL                 | SL |       |
|        |                                       | SP   | SP             | SP                 | SP |       |
|        |                                       | SL   | SL             | SL                 | SL |       |
|        |                                       | AR   | AR             | AR                 | AR |       |
|        |                                       | OT   | OT             | OT                 | OT |       |
|        |                                       | TS   | TS             | TS                 | TS |       |
| 1      | WT                                    | G    | 6/14/01        | 11:35A             |    |       |
| 2      |                                       |      |                | 11:35A             |    |       |
| 3      |                                       |      |                | 12:05P             |    |       |
| 4      |                                       |      |                | 12:10P             |    |       |
| 5      |                                       |      |                | 11:45A             |    |       |
| 6      |                                       |      |                | 3:00P              |    |       |
| 7      |                                       |      |                | 1:30P              |    |       |
| 8      |                                       |      |                | 1:30P              |    |       |
| 9      |                                       |      |                | 2:00P              |    |       |
| 10     |                                       |      |                | 2:00P              |    |       |
| 11     |                                       |      |                | 2:05P              |    |       |
| 12     |                                       |      |                | 2:15P              |    |       |

| RELINQUISHED BY / AFFILIATION                  | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITION |
|--|------|------|---------------------------|------|------|------------------|
| <i>Pace Del.</i>                               |      |      | <i>Pace Del.</i>          |      |      |                  |
| <b>SAMPLER NAME AND SIGNATURE</b>              |      |      |                           |      |      |                  |
| <b>PRINT Name of SAMPLER:</b>                  |      |      |                           |      |      |                  |
| <b>DAN MUNDELL / Magen Hill / APRIL NELSON</b> |      |      |                           |      |      |                  |
| <b>SIGNATURE of S.</b>                         |      |      |                           |      |      |                  |
| <b>DATE SIGNED (MM/DD/YY)</b>                  |      |      |                           |      |      |                  |
| <b>Temp in °C</b>                              |      |      |                           |      |      |                  |
| <b>Received</b>                                | Y/N  | Y/N  | Y/N                       | Y/N  | Y/N  |                  |
| <b>Custody Sealed Cooler</b>                   | Y/N  | Y/N  | Y/N                       | Y/N  | Y/N  |                  |
| <b>Samples Intact</b>                          | Y/N  | Y/N  | Y/N                       | Y/N  | Y/N  |                  |



**Pace Analytical®**

# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

## Section A Required Client Information:

Company: MUNDELL + ASSOCIATES  
Address: 429 E. VERMONT ST, STE. 200  
INDPLS, IN 46302  
Email To: Phone: 630-9060 FAX 630-9065  
Requested Due Date/TAT: 2 WKS

## Section B Required Project Information:

Report To: LEENA LOTH-E Copy To: JOHN MUNDELL Purchase Order No.: MO1046 Project Name: MICHIGAN MEMORIALS  
Project Number: MO1046 Pace Profile #:

## Section C Invoice Information:

Attention: MERLE TERBE Company Name: MUNDELL Address: Pace Quote Reference: Pace Project Manager:

|                                |                                       |
|--------------------------------|---------------------------------------|
| REGULATORY AGENCY              |                                       |
| <input type="checkbox"/> NPDES | <input type="checkbox"/> GROUND WATER |
| <input type="checkbox"/> UST   | <input type="checkbox"/> RCRA         |
| <input type="checkbox"/> OTHER |                                       |
| SITE LOCATION                  |                                       |
| <input type="checkbox"/> ICA   | <input type="checkbox"/> IL           |
| <input type="checkbox"/> OH    | <input type="checkbox"/> IN           |
| <input type="checkbox"/> SC    | <input type="checkbox"/> MI           |
| <input type="checkbox"/> OTHER |                                       |

Filtered (Y/N)

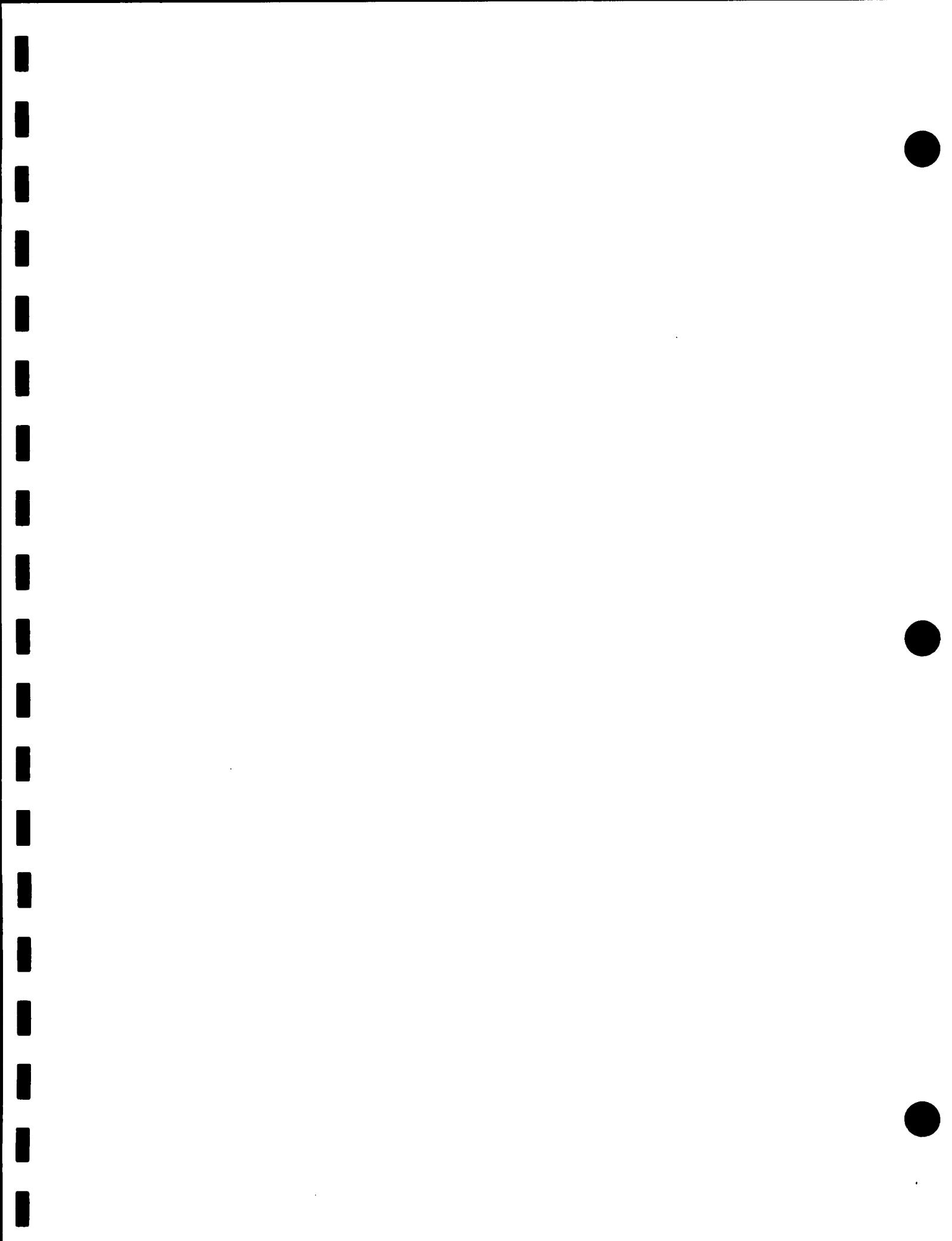
Requested Analysis:

VOCS & BTEX

| ITEM # | Section D Required Client Information<br><b>SAMPLE ID</b><br>One Character per box.<br>(A-Z, 0-9, -)<br>Samples IDs MUST BE UNIQUE | Valid Matrix Codes |       |       |         | MATRIX CODE | SAMPLE TYPE<br>G=GRAB C=COMP | Preservatives |       |    |     | # OF CONTAINERS | SAMPLE TEMP AT COLLECTION | Residual Chlorine (Y/N)        | Lab ID           |     |      |   |          |
|--------|--|--------------------|-------|-------|---------|-------------|------------------------------|---------------|-------|----|-----|-----------------|---------------------------|--------------------------------|------------------|-----|------|---|----------|
|        |  | DRINKING WATER     | WATER | WASTE | PRODUCT |             |                              | SL            | OL    | WP | AIR |                 |                           | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | Methanol |
| 1      | M M W - P - 0 7  |                    |       |       |         | WR G        | GRAB                         | 3:15P         |       |    |     | 3               | 3                         |                                |                  |     |      |   | -013     |
| 2      | M M W - P - 0 8  |                    |       |       |         |             |                              | 2:49P         |       |    |     | 1               |                           |                                |                  |     |      |   | -014     |
| 3      | M M W - P - 0 9 S  |                    |       |       |         |             |                              | 4:05P         |       |    |     |                 |                           |                                |                  |     |      |   | -015     |
| 4      | M M W - P - 0 9 D  |                    |       |       |         |             |                              | 3:50P         |       |    |     |                 |                           |                                |                  |     |      |   | -016     |
| 5      | M M W - P - 1 0 S  |                    |       |       |         |             |                              | 3:30P         |       |    |     |                 |                           |                                |                  |     |      |   | -017     |
| 6      | M M W - P - 1 0 D  |                    |       |       |         |             |                              | 3:00P         |       |    |     |                 |                           |                                |                  |     |      |   | -018     |
| 7      | M W - 1 6 8 S  |                    |       |       |         |             |                              | 1:20P         |       |    |     |                 |                           |                                |                  |     |      |   | -019     |
| 8      | M W - 1 6 8 D  |                    |       |       |         |             |                              | 1:35P         |       |    |     |                 |                           |                                |                  |     |      |   | -020     |
| 9      | S S - A - 0 1  |                    |       |       |         |             |                              |               | 9:10A |    |     |                 |                           |                                |                  |     |      |   | -021     |
| 10     | S S - A - 0 2  |                    |       |       |         |             |                              |               | 9:00A |    |     |                 |                           |                                |                  |     |      |   | -022     |
| 11     | S S - A - 0 3  |                    |       |       |         |             |                              |               |       |    |     |                 |                           |                                |                  |     |      |   | -023     |
| 12     | D U P  |                    |       |       |         |             |                              |               |       |    |     |                 |                           |                                |                  |     |      |   | -024     |

Additional Comments:

*Sampled at Munro's 4/15/2014 2pm Twp 191012014 3:22PM*



# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

## Section A Required Client Information:

## Section B Required Project Information:

## Section C Invoice Information:

Page: 3 of 3  
1052066

|  |                                |
|--|--------------------------------|
| Company Address                                      | Report To:                     |
| MUNDELL & ASSOCIATES<br>409 E. VERMONT ST., STE. 200 | LEENA LOTHE                    |
| INDIANAPOLIS, IN 46202                               | Copy To:                       |
|  | JOHN MUNDELL                   |
| Email To:  | Address:                       |
| Phone 630-9060 Fax 630-9065                          | Project Name: MICHIGAN MEADOWS |
| Requested Due Date/Ext:                              | Project Number: M01046         |
| 2 WKS  | Pace Profile #: 1052066        |

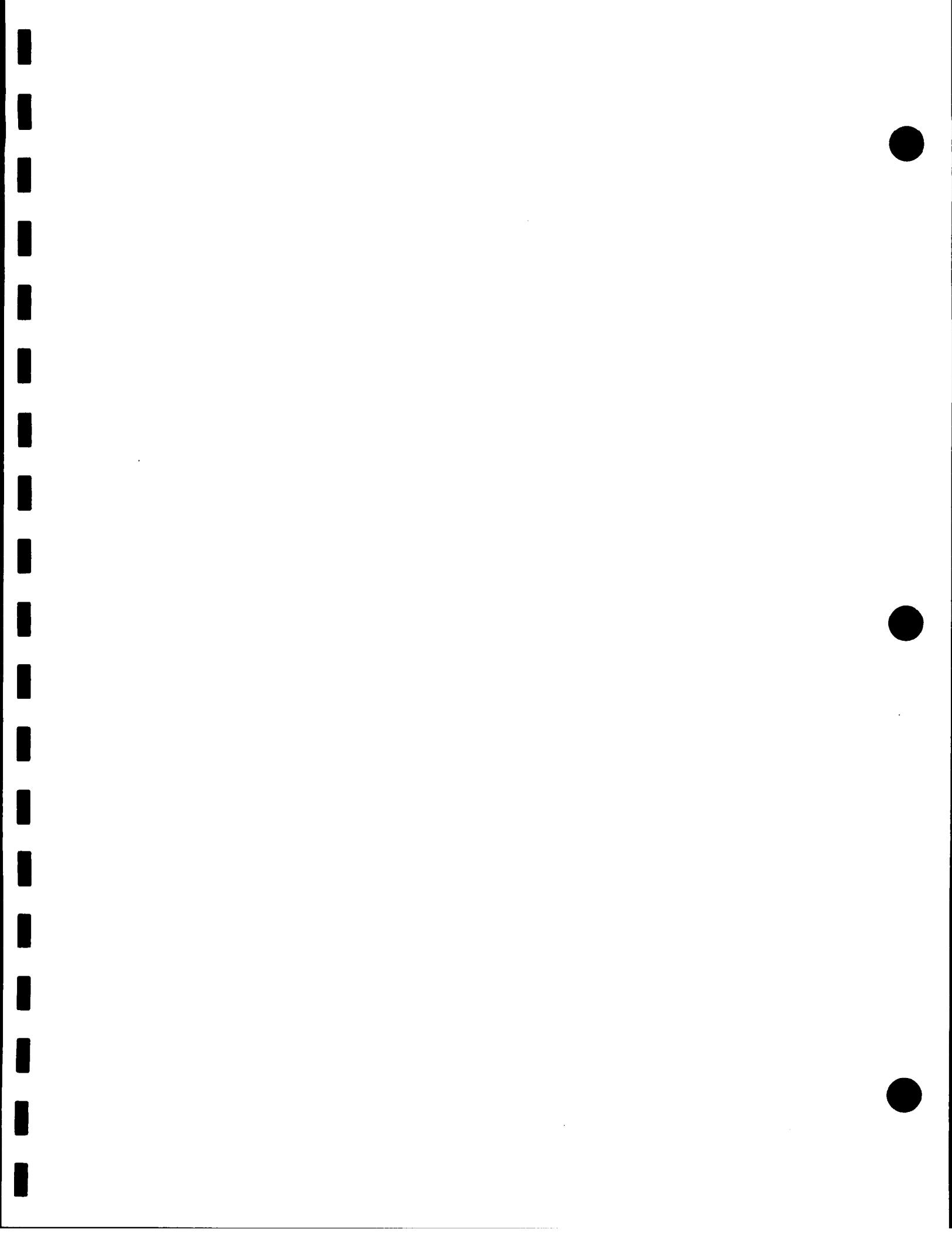
|                   |   |
|-------------------|---|
| SITE LOCATION     | <input type="checkbox"/> GA <input type="checkbox"/> IL <input type="checkbox"/> IN <input type="checkbox"/> MI <input type="checkbox"/> MN <input type="checkbox"/> NC<br><input type="checkbox"/> OH <input type="checkbox"/> SC <input type="checkbox"/> WI <input type="checkbox"/> OTHER _____ |
| REGULATORY AGENCY | <input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER<br><input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> Other   |

|        |   |                    |                |
|--------|---|--------------------|----------------|
| ITEM # | Section D Required Client Information   | Valid Matrix Codes | CODE           |
|        | SAMPLE ID                               | MATRIX             | DRINKING WATER |
|        | One Character per box.<br>(A-Z, 0-9, -) | WATER              | DIN            |
|        | Samples IDs MUST BE UNIQUE              | WASTE              | WT             |
|        |   | PRODUCT            | WW             |
|        |   | SOLID              | SL             |
|        |   | LIQUEFIED          | LIQ            |
|        |   | OIL                | OL             |
|        |   | GASEOUS            | GP             |
|        |   | AIR                | AR             |
|        |   | OTHER              | OT             |
|        |   | TISSUE             | TS             |
| 1      | T P I P                                 | BLANK              | WT             |
| 2      |   |                    |                |
| 3      |   |                    |                |
| 4      |   |                    |                |
| 5      |   |                    |                |
| 6      |   |                    |                |
| 7      |   |                    |                |
| 8      |   |                    |                |
| 9      |   |                    |                |
| 10     |   |                    |                |
| 11     |   |                    |                |
| 12     |   |                    |                |

|                               |      |      |                           |      |      |                  |
|-------------------------------|------|------|---------------------------|------|------|------------------|
| RElinquished By / Affiliation | DATE | TIME | Accepted By / Affiliation | DATE | TIME | SAMPLE CONDITION |
| <i>Leena Lothe / MundeLL</i>  |      |      |                           |      |      | 6/14/07 2:54 PM  |
|                               |      |      |                           |      |      | 3.2°C            |
| Temp in °C                    |      |      |                           |      |      |                  |
| Received in Ice               | Y/N  | Y/N  | Y/N                       | Y/N  |      |                  |
| Cooler Sealed Cooler          | Y/N  | Y/N  | Y/N                       | Y/N  |      |                  |
| Samples Intact                | Y/N  | Y/N  | Y/N                       | Y/N  |      |                  |

Additional Comments:

RElinquished By / Affiliation DATE TIME Accepted By / Affiliation DATE TIME SAMPLE CONDITION  
*John Nelson / MundeLL* 6/14/07 2:54 PM 3.2°C



# Sample Condition Upon Receipt

*Pace Analytical*

Client Name: Mundell, As Project # \_\_\_\_\_

Courier:  FedEx  UPS  USPS  Client  Commercial  Pace Other  
Tracking #: \_\_\_\_\_

|                              |
|------------------------------|
| Optional Project Information |
| Project Date:                |
| Project ID:                  |
| Comments:                    |

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used: 104 Type of Ice: Wet Blue None  Samples on ice, cooling process has begun

Cooler Temperature: 3.2°C Biological Tissue is Frozen: Yes  No

Temp should be above freezing to 6°C Comments: \_\_\_\_\_

Date and Initials of person examining contents: DL/15/07

|  |  |                        |  |
|--|--|------------------------|--|
| Chain of Custody Present:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 1.                     |  |
| Chain of Custody Filled Out:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 2.                     |  |
| Chain of Custody Relinquished:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 3.                     |  |
| Sampler Name & Signature on COC:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 4.                     |  |
| Samples Arrived within Hold Time:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 5.                     |  |
| Short Hold Time Analysis (<72hr):  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 6.                     |  |
| Rush Turn Around Time Requested:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 7.                     |  |
| Sufficient Volume:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 8.                     |  |
| Correct Containers Used:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 9.                     |  |
| -Pace Containers Used:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                        |  |
| Containers Intact:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 10.                    |  |
| Filtered volume received for Dissolved tests   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 11.                    |  |
| Sample Labels match COC:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 12.                    |  |
| -Includes date/time/ID/Analysis Matrix:  | <u>Yes</u>   |                        |  |
| All containers needing preservation have been checked.                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 13.                    |  |
| All containers needing preservation are found to be in compliance with EPA recommendation. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |                        |  |
| Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                              | Initial when completed | Lot # of added preservative              |
| Samples checked for dechlorination:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 14.                    |  |
| Headspace in VOA Vials (>6mm):   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 15.                    | <u>2 vora has bubble</u> <u>Min 1605</u> |
| Trip Blank Present:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 16.                    |  |
| Trip Blank Custody Seals Present   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |                        |  |
| Pace Trip Blank Lot # (if purchased):  |  |                        |  |

## Client Notification/ Resolution:

Field Data Required? Y / N

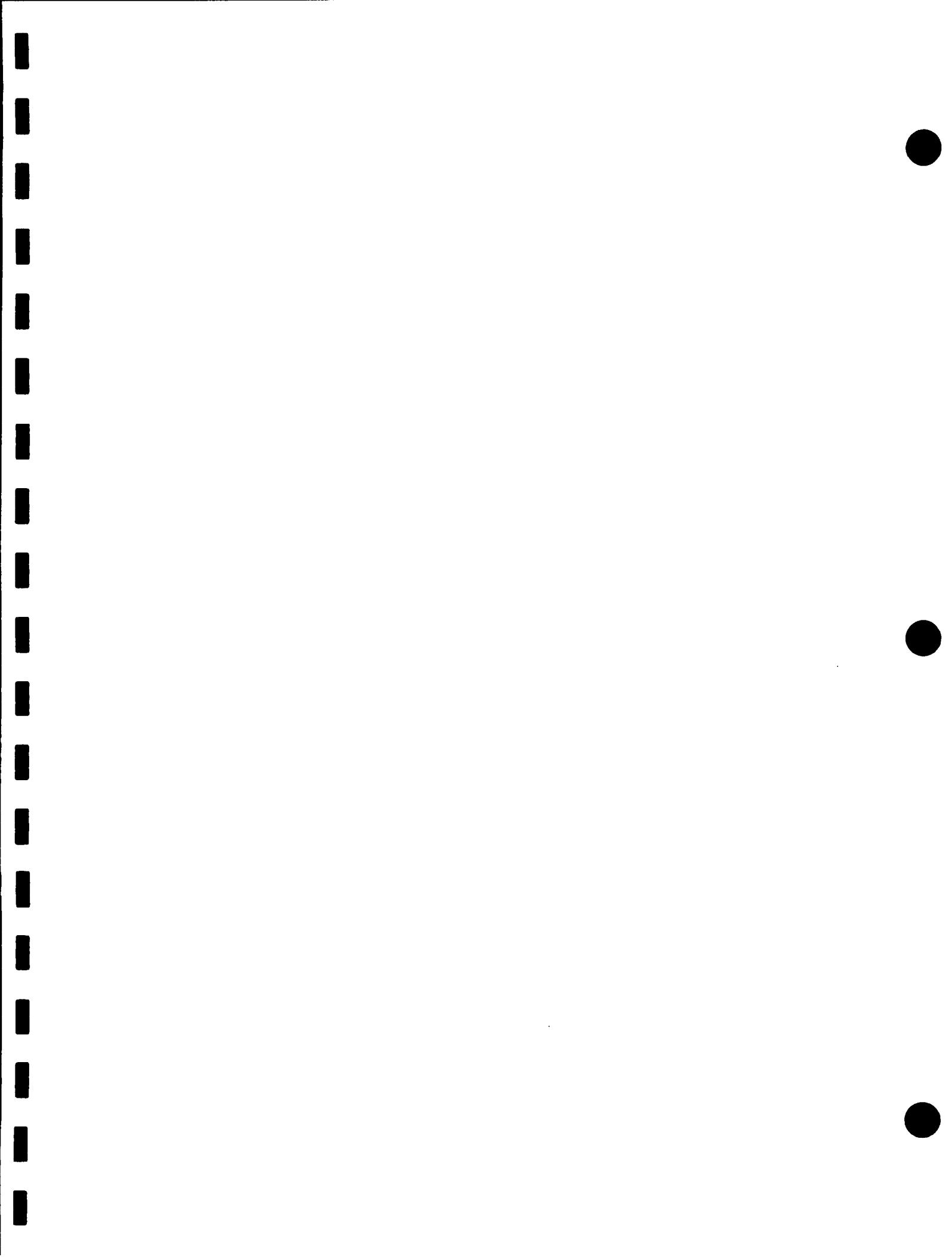
Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Project Manager Review: Kenneth Hunt

Date: 6/16/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office ( i.e out of hold, incorrect preservative, out of temp, incorrect containers)





RECEIVED

M01046

Client Name: Mundell & Associates  
Contact: Leena Lothe  
Address: 429 Vermont St  
Indianapolis, IN 46202

Page: Page 1 of 5  
Lab Proj #: P0706305  
Report Date: 07/02/07  
Client Proj Name: Michigan Plaza  
Client Proj #: M01046

### Laboratory Results

Total pages in data package: 6

| <u>Lab Sample #</u> | <u>Client Sample ID</u> |
|---------------------|-------------------------|
| P0706305-01         | B-1 (8)                 |
| P0706305-02         | B-2 (8)                 |
| P0706305-03         | B-3 (8)                 |
| P0706305-04         | B-4 (8)                 |

Microseeps test results meet all the requirements of the NELAC standards.

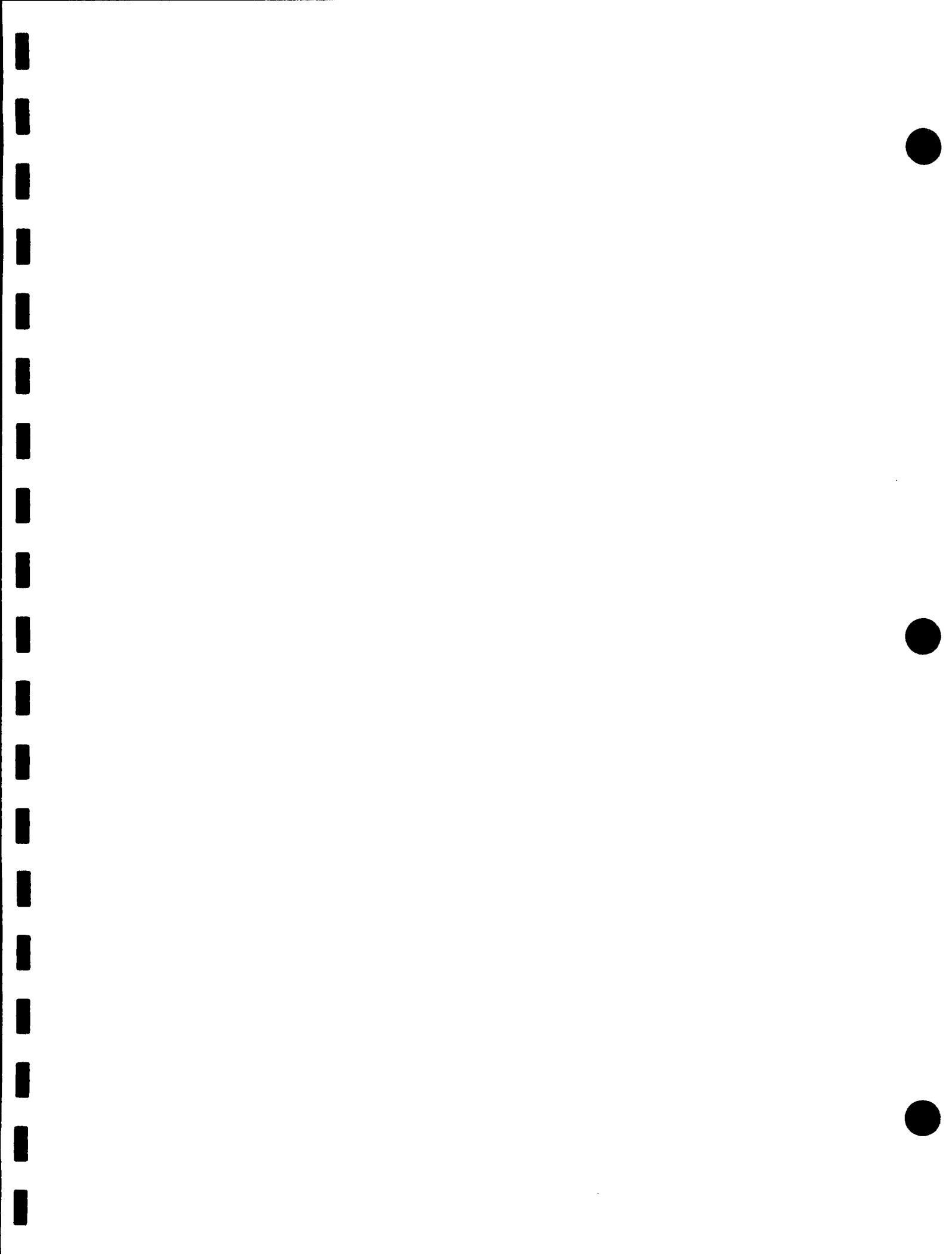
Approved By:

Char Washlask

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.  
Please call customer service at (412)826-5245 or email [customerservice@microseeps.com](mailto:customerservice@microseeps.com).

Case Narrative:

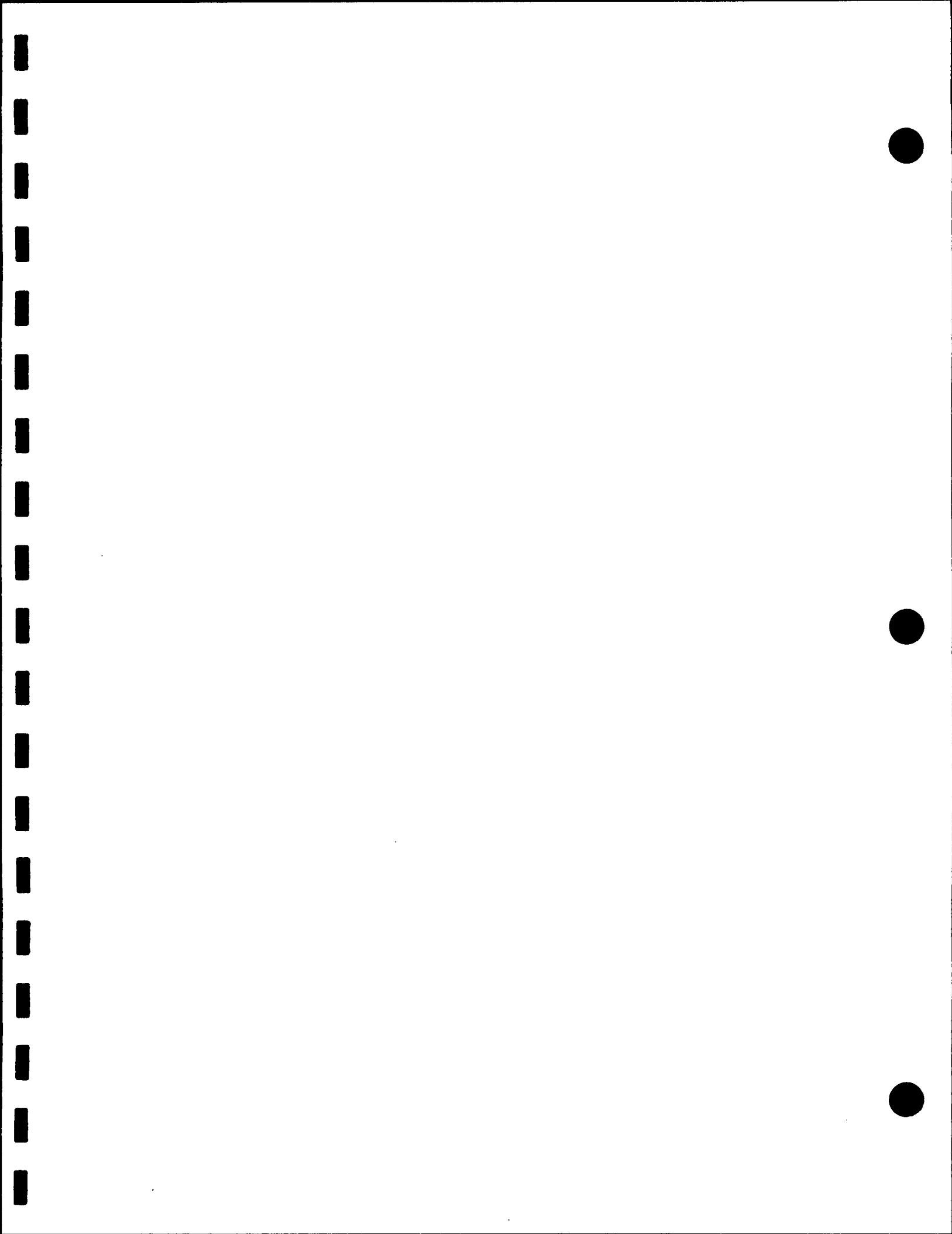


Client Name: Mundell & Associates  
Contact: Leena Lothe  
Address: 429 Vermont St  
Indianapolis, IN 46202

Page: Page 2 of 5  
Lab Proj #: P0706305  
Report Date: 07/02/07  
Client Proj Name: Michigan Plaza  
Client Proj #: M01046

| Sample Description                            | Matrix  | Lab Sample # | Sampled Date/Time | Received         |         |    |
|---|---------|--------------|-------------------|------------------|---------|----|
| B-1 (8)                                       | Vapor   | P0706305-01  | 15 Jun. 07 10:55  | 18 Jun. 07 10:37 |         |    |
| <b>RiskAnalysis</b>                           |         |              |                   |                  |         |    |
| N 1,1,1-Trichloroethane                       |         |              |                   |                  |         |    |
| N 1,1-Dichloroethane                          | <0.0050 | 0.0050       | PPMV              | AM4.02           | 6/28/07 | rw |
| N 1,1-Dichloroethene                          | <0.0200 | 0.0200       | PPMV              | AM4.02           | 6/28/07 | rw |
| N Carbon Tetrachloride                        | <0.0100 | 0.0100       | PPMV              | AM4.02           | 6/28/07 | rw |
| N Chloroform                                  | <0.0050 | 0.0050       | PPMV              | AM4.02           | 6/28/07 | rw |
| ✓ N cis-1,2-Dichloroethene <i>cis 1,2-DCE</i> | 0.2100  | 0.0200       | PPMV              | AM4.02           | 6/28/07 | rw |
| N Methylene Chloride                          | <2.0000 | 2.0000       | PPMV              | AM4.02           | 6/28/07 | rw |
| ✓ N Tetrachloroethene <i>PCE</i>              | <0.0100 | 0.0100       | PPMV              | AM4.02           | 6/28/07 | rw |
| N trans-1,2-Dichloroethene                    | <0.0100 | 0.0100       | PPMV              | AM4.02           | 6/28/07 | rw |
| ✓ N Trichloroethene <i>TCE</i>                | 0.4600  | 0.0100       | PPMV              | AM4.02           | 6/28/07 | rw |
| ✓ N Vinyl Chloride <i>VC</i>                  | <1.0000 | 1.0000       | PPMV              | AM4.02           | 6/28/07 | rw |



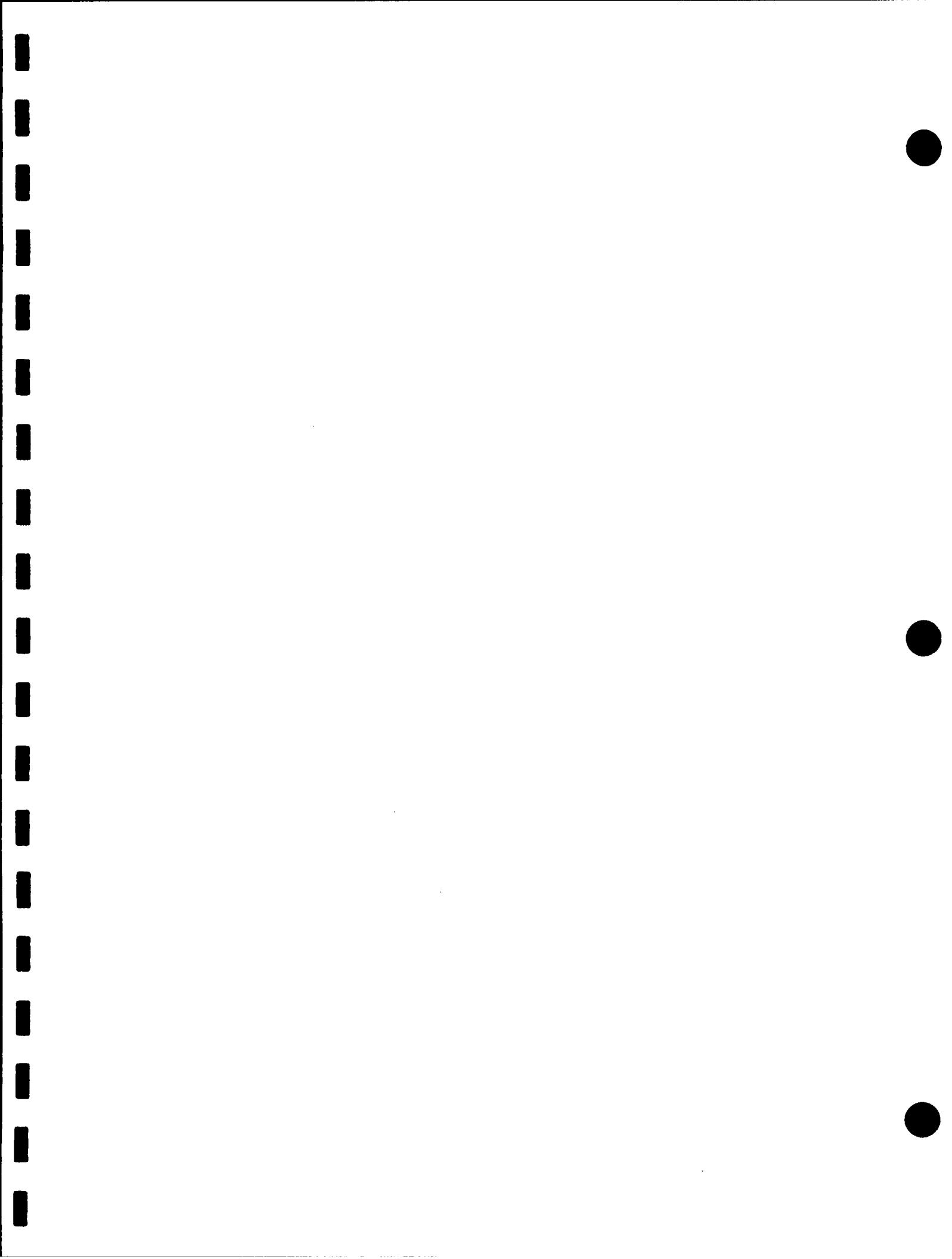


Client Name: Mundell & Associates  
Contact: Leena Lothe  
Address: 429 Vermont St  
Indianapolis, IN 46202

Page: Page 3 of 5  
Lab Proj #: P0706305  
Report Date: 07/02/07  
Client Proj Name: Michigan Plaza  
Client Proj #: M01046

| <u>Sample Description</u>  | <u>Matrix</u> | <u>Lab Sample #</u> |              | <u>Sampled Date/Time</u> | <u>Received</u>      |
|----------------------------|---------------|---------------------|--------------|--------------------------|----------------------|
| B-2 (8)                    | Vapor         | P0706305-02         |              | 15 Jun. 07 11:05         | 18 Jun. 07 10:37     |
| <u>Analyte(s)</u>          | <u>Result</u> | <u>PQL</u>          | <u>Units</u> | <u>Method #</u>          | <u>Analysis Date</u> |
| <b>Risk Analysis</b>       |               |                     |              |                          |                      |
| N 1,1,1-Trichloroethane    | <0.0050       | 0.0050              | PPMV         | AM4.02                   | 6/28/07              |
| N 1,1-Dichloroethane       | <0.0200       | 0.0200              | PPMV         | AM4.02                   | 6/28/07              |
| N 1,1-Dichloroethene       | <0.0100       | 0.0100              | PPMV         | AM4.02                   | 6/28/07              |
| N Carbon Tetrachloride     | <0.0050       | 0.0050              | PPMV         | AM4.02                   | 6/28/07              |
| N Chloroform               | 0.0077        | 0.0050              | PPMV         | AM4.02                   | 6/28/07              |
| N cis-1,2-Dichloroethene   | <0.0200       | 0.0200              | PPMV         | AM4.02                   | 6/28/07              |
| N Methylene Chloride       | <2.0000       | 2.0000              | PPMV         | AM4.02                   | 6/28/07              |
| N Tetrachloroethene        | 0.3100        | 0.0100              | PPMV         | AM4.02                   | 6/28/07              |
| N trans-1,2-Dichloroethene | <0.0100       | 0.0100              | PPMV         | AM4.02                   | 6/28/07              |
| N Trichloroethene          | <0.0100       | 0.0100              | PPMV         | AM4.02                   | 6/28/07              |
| N Vinyl Chloride           | <1.0000       | 1.0000              | PPMV         | AM4.02                   | 6/28/07              |





Client Name: Mundell & Associates  
Contact: Leena Lothe  
Address: 429 Vermont St  
Indianapolis, IN 46202

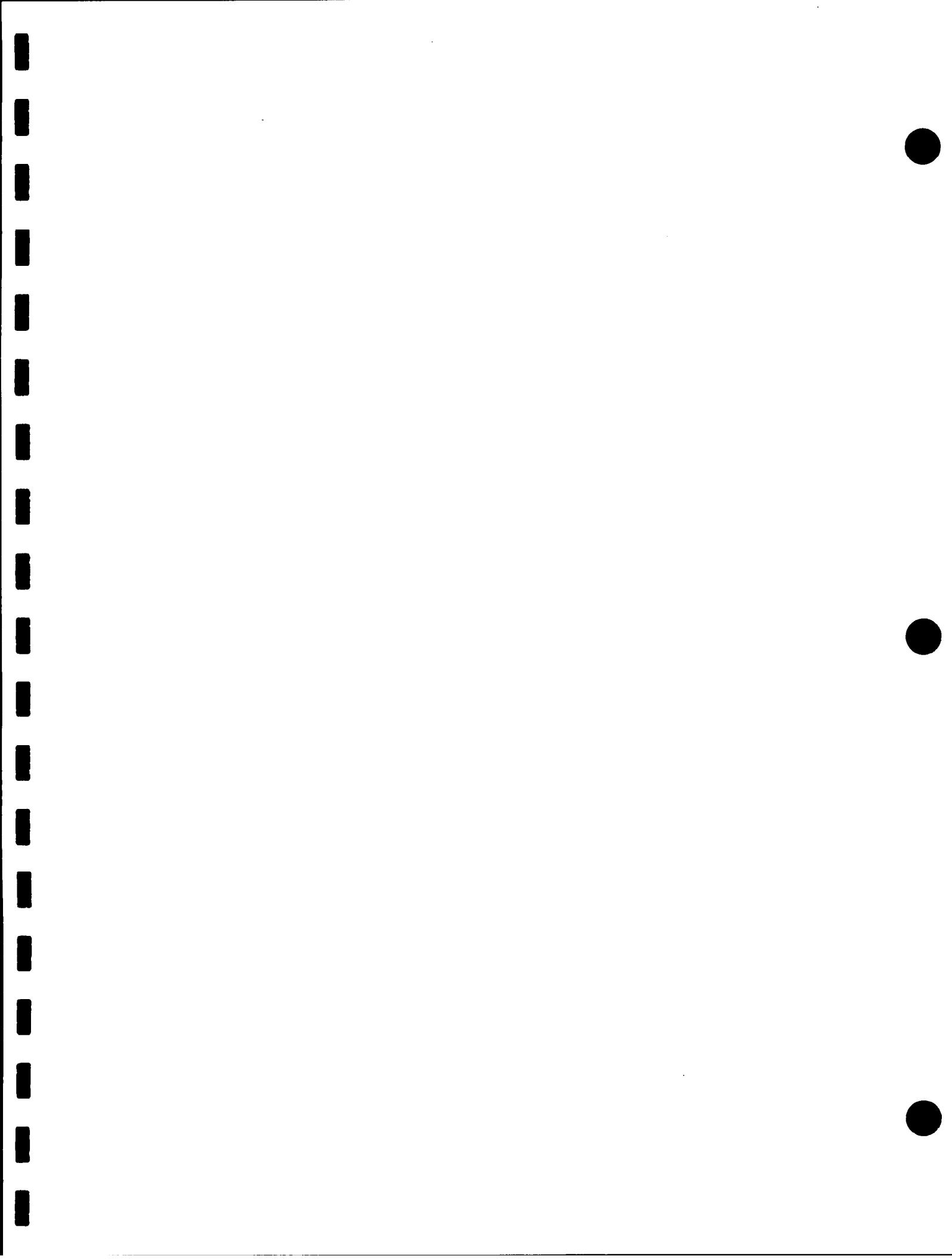
Page: Page 4 of 5  
Lab Proj #: P0706305  
Report Date: 07/02/07  
Client Proj Name: Michigan Plaza  
Client Proj #: M01046

| Sample Description | Matrix | Lab Sample # | Sampled Date/Time | Received         |
|--------------------|--------|--------------|-------------------|------------------|
| B-3 (8)            | Vapor  | P0706305-03  | 15 Jun. 07 11:15  | 18 Jun. 07 10:37 |

| Analyte(s)                 | Result  | PQL    | Units | Method # | Analysis Date | By |
|----------------------------|---------|--------|-------|----------|---------------|----|
| <b>Risk Analysis</b>       |         |        |       |          |               |    |
| N 1,1,1-Trichloroethane    | <0.0050 | 0.0050 | PPMV  | AM4.02   | 6/28/07       | rw |
| N 1,1-Dichloroethane       | <0.0200 | 0.0200 | PPMV  | AM4.02   | 6/28/07       | rw |
| N 1,1-Dichloroethene       | <0.0100 | 0.0100 | PPMV  | AM4.02   | 6/28/07       | rw |
| N Carbon Tetrachloride     | <0.0050 | 0.0050 | PPMV  | AM4.02   | 6/28/07       | rw |
| N Chloroform               | <0.0050 | 0.0050 | PPMV  | AM4.02   | 6/28/07       | rw |
| N cis-1,2-Dichloroethene   | <0.0200 | 0.0200 | PPMV  | AM4.02   | 6/28/07       | rw |
| N Methylene Chloride       | <2.0000 | 2.0000 | PPMV  | AM4.02   | 6/28/07       | rw |
| N Tetrachloroethene        | 0.2100  | 0.0100 | PPMV  | AM4.02   | 6/28/07       | rw |
| N trans-1,2-Dichloroethene | <0.0100 | 0.0100 | PPMV  | AM4.02   | 6/28/07       | rw |
| N Trichloroethene          | <0.0100 | 0.0100 | PPMV  | AM4.02   | 6/28/07       | rw |
| N Vinyl Chloride           | <1.0000 | 1.0000 | PPMV  | AM4.02   | 6/28/07       | rw |



N - NELAC certified analysis



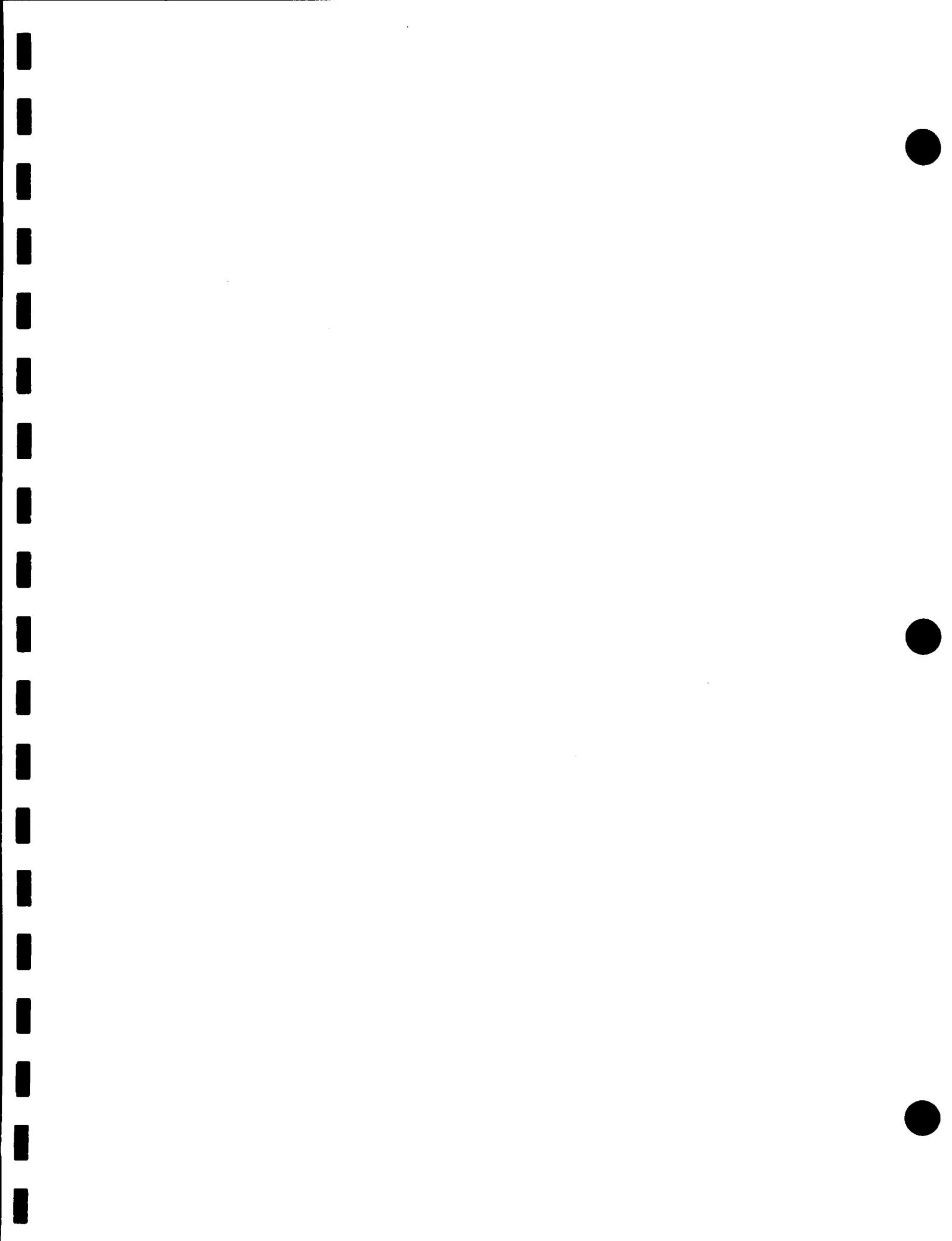
Client Name: Mundell & Associates  
Contact: Leena Lothe  
Address: 429 Vermont St  
Indianapolis, IN 46202

Page: Page 5 of 5  
Lab Proj #: P0706305  
Report Date: 07/02/07  
Client Proj Name: Michigan Plaza  
Client Proj #: M01046

| <u>Sample Description</u>  | <u>Matrix</u> | <u>Lab Sample #</u> |              | <u>Sampled Date/Time</u> | <u>Received</u>      |
|----------------------------|---------------|---------------------|--------------|--------------------------|----------------------|
| B-4 (8)                    | Vapor         | P0706305-04         |              | 15 Jun. 07 11:20         | 18 Jun. 07 10:37     |
| <u>Analyte(s)</u>          | <u>Result</u> | <u>PQL</u>          | <u>Units</u> | <u>Method #</u>          | <u>Analysis Date</u> |
| <u>RiskAnalysis</u>        |               |                     |              |                          |                      |
| N 1,1,1-Trichloroethane    | <0.0050       | 0.0050              | PPMV         | AM4.02                   | 6/28/07              |
| N 1,1-Dichloroethane       | <0.0200       | 0.0200              | PPMV         | AM4.02                   | 6/28/07              |
| N 1,1-Dichloroethene       | <0.0100       | 0.0100              | PPMV         | AM4.02                   | 6/28/07              |
| N Carbon Tetrachloride     | <0.0050       | 0.0050              | PPMV         | AM4.02                   | 6/28/07              |
| N Chloroform               | 0.0074        | 0.0050              | PPMV         | AM4.02                   | 6/28/07              |
| N cis-1,2-Dichloroethene   | <0.0200       | 0.0200              | PPMV         | AM4.02                   | 6/28/07              |
| N Methylene Chloride       | <2.0000       | 2.0000              | PPMV         | AM4.02                   | 6/28/07              |
| N Tetrachloroethene        | 0.4600        | 0.0100              | PPMV         | AM4.02                   | 6/28/07              |
| N trans-1,2-Dichloroethene | <0.0100       | 0.0100              | PPMV         | AM4.02                   | 6/28/07              |
| N Trichloroethene          | <0.0100       | 0.0100              | PPMV         | AM4.02                   | 6/28/07              |
| N Vinyl Chloride           | <1.0000       | 1.0000              | PPMV         | AM4.02                   | 6/28/07              |



N - NELAC certified analysis





## CHAIN - OF CUSTODY RECORD

Microseeps  
COC cont. #

Phone: (412) 826-5245

Microseeps, Inc. - 220 William Pitt Way - Pittsburgh, PA 15238

Fax No.: (412) 826-3433

Company : MUNDELL &amp; ASSOCIATES

Co. Address : 429 EVERMONT, STE. 200, INDIANAPOLIS, IN 46226

Phone # : (317) 630-9060 Fax # : 630-9065

Proj. Manager : LEENA LOTHIE

Proj. Name/Number : MICHIGAN PLAZA - MO1046

Sampler's signature : Bonnie Reardon

Results to :

LEENA LOTHIE

Invoice to :

MERILE TEBBE

Parameters Requested

Remarks:

CHLORINATED HYDROCARBONS

Sample ID Sample Description Sample Type Date Time

Water/Vapor Solid

6-15-07 10:55A 2 X

11:05A

11:15A

11:20A

11:25A

11:30A

11:35A

11:40A

11:45A

11:50A

11:55A

12:00P

12:05P

12:10P

12:15P

12:20P

12:25P

12:30P

12:35P

12:40P

12:45P

12:50P

12:55P

1:00A

1:05A

1:10A

1:15A

1:20A

1:25A

1:30A

Relinquished by : April Nelson

Date : 6/15/07

Time : 10:00P

Received by : John

Date : 6/15/07

Time : 10:00P

Company : Microseeps

Date : 6/15/07

Time : 10:00P

Received by : John

Date : 6/15/07

Time : 10:00P

Company : Microseeps

Date : 6/15/07

Time : 10:00P

Received by : John

Date : 6/15/07

Time : 10:00P

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Time : 10:00P

Received by : John

Date : 6/15/07

Time : 10:00P

Company : Microseeps

Date : 6/15/07

Time : 10:00P

Received by : John

Date : 6/15/07

Time : 10:00P

Company : Microseeps

Date : 6/15/07

Time : 10:00P

WHITE COPY : Accompany Samples

YELLOW COPY : Laboratory File

PINK COPY : Submitter

|                                       |                             |                |               |
|---------------------------------------|-----------------------------|----------------|---------------|
| Relinquished by : <u>April Nelson</u> | Company : <u>Microseeps</u> | Date : 6/15/07 | Time : 10:00P |
| Relinquished by : <u>John</u>         | Company : <u>Microseeps</u> | Date : 6/15/07 | Time : 10:00P |
| Relinquished by : <u>John</u>         | Company : <u>Microseeps</u> | Date : 6/15/07 | Time : 10:00P |



July 20, 2007

Leena Lothe  
Mundell & Associates, Inc.  
429 East Vermont Street  
Suite 200  
Indianapolis, IN 46202

RE: Project: Michigan Plaza  
Pace Project No.: 505274

Dear Leena Lothe:

Enclosed are the analytical results for sample(s) received by the laboratory on July 09, 2007. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mick Mayse

mick.mayse@pacelabs.com  
Project Manager

Illinois/NELAC Certification Number: 100418  
Indiana Certification Number: C-49-06  
Kansas Certification Number: E-10247  
Kentucky Certification Number: 0042  
Ohio VAP: CL0065  
Pennsylvania: 68-00791  
West Virginia Certification Number: 330

Enclosures

#### REPORT OF LABORATORY ANALYSIS

Page 1 of 15

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## SAMPLE SUMMARY

Project: Michigan Plaza  
Pace Project No.: 505274

| Lab ID    | Sample ID  | Matrix | Date Collected | Date Received  |
|-----------|------------|--------|----------------|----------------|
| 505274001 | MMW-P-10S  | Water  | 07/06/07 11:20 | 07/09/07 11:05 |
| 505274002 | MMW-P-10D  | Water  | 07/06/07 11:45 | 07/09/07 11:05 |
| 505274003 | TRIP BLANK | Water  | 07/06/07 00:00 | 07/09/07 11:05 |

## REPORT OF LABORATORY ANALYSIS

Page 2 of 15

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## SAMPLE ANALYTE COUNT

Project: Michigan Plaza  
Pace Project No.: 505274

| Lab ID    | Sample ID  | Method   | Analytes Reported |
|-----------|------------|----------|-------------------|
| 505274001 | MMW-P-10S  | EPA 8260 | 72                |
| 505274002 | MMW-P-10D  | EPA 8260 | 72                |
| 505274003 | TRIP BLANK | EPA 8260 | 72                |

## REPORT OF LABORATORY ANALYSIS

Page 3 of 15

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## ANALYTICAL RESULTS

Project: Michigan Plaza  
 Pace Project No.: 505274

| Sample: MMW-P-10S           | Lab ID: 505274001                  | Collected: 07/06/07 11:20 | Received: 07/09/07 11:05 | Matrix: Water |          |                |            |      |
|-----------------------------|------------------------------------|---------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results                            | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             | <b>Analytical Method: EPA 8260</b> |                           |                          |               |          |                |            |      |
| Acetone                     | ND ug/L                            |                           | 100                      | 1             |          | 07/17/07 05:06 | 67-64-1    |      |
| Acrolein                    | ND ug/L                            |                           | 100                      | 1             |          | 07/17/07 05:06 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L                            |                           | 100                      | 1             |          | 07/17/07 05:06 | 107-13-1   |      |
| Benzene                     | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 71-43-2    |      |
| Bromobenzene                | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 108-86-1   |      |
| Bromoform                   | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 75-25-2    |      |
| Bromomethane                | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 74-83-9    |      |
| 2-Butanone (MEK)            | ND ug/L                            |                           | 25.0                     | 1             |          | 07/17/07 05:06 | 78-93-3    |      |
| n-Butylbenzene              | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 104-51-8   |      |
| sec-Butylbenzene            | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 135-98-8   |      |
| tert-Butylbenzene           | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 98-06-6    |      |
| Carbon disulfide            | ND ug/L                            |                           | 10.0                     | 1             |          | 07/17/07 05:06 | 75-15-0    |      |
| Carbon tetrachloride        | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 108-90-7   |      |
| Chloroethane                | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 75-00-3    |      |
| Chloroform                  | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 67-66-3    |      |
| Chloromethane               | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 106-93-4   |      |
| Dibromomethane              | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L                            |                           | 100                      | 1             |          | 07/17/07 05:06 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 92.1 ug/L                          |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | 10.2 ug/L                          |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L                            |                           | 100                      | 1             |          | 07/17/07 05:06 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L                            |                           | 25.0                     | 1             |          | 07/17/07 05:06 | 591-78-6   |      |
| Iodomethane                 | ND ug/L                            |                           | 10.0                     | 1             |          | 07/17/07 05:06 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L                            |                           | 5.0                      | 1             |          | 07/17/07 05:06 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Plaza  
Pace Project No.: 505274

| Sample: MMW-P-10S           | Lab ID: 505274001 | Collected: 07/06/07 11:20   | Received: 07/09/07 11:05 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 07/17/07 05:06 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 07/17/07 05:06 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 79-34-5   |      |
| Tetrachloroethene           | 87.9 ug/L         |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 79-00-5   |      |
| Trichloroethene             | 54.9 ug/L         |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 05:06 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 07/17/07 05:06 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L           |                             | 2.0                      | 1             |          | 07/17/07 05:06 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 07/17/07 05:06 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 101 %             |                             | 82-122                   | 1             |          | 07/17/07 05:06 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 102 %             |                             | 73-120                   | 1             |          | 07/17/07 05:06 | 460-00-4  |      |
| Toluene-d8 (S)              | 105 %             |                             | 80-120                   | 1             |          | 07/17/07 05:06 | 2037-26-5 |      |

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## ANALYTICAL RESULTS

Project: Michigan Plaza  
Pace Project No.: 505274

| Sample: MMW-P-10D           | Lab ID: 505274002 | Collected: 07/06/07 11:45   | Received: 07/09/07 11:05 | Matrix: Water |          |                |            |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |            |      |
| Acetone                     | ND ug/L           |                             | 100                      | 1             |          | 07/17/07 06:12 | 67-64-1    |      |
| Acrolein                    | ND ug/L           |                             | 100                      | 1             |          | 07/17/07 06:12 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L           |                             | 100                      | 1             |          | 07/17/07 06:12 | 107-13-1   |      |
| Benzene                     | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 71-43-2    |      |
| Bromobenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 108-86-1   |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 75-25-2    |      |
| Bromoform                   | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 74-83-9    |      |
| Bromomethane                | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 78-93-3    |      |
| 2-Butanone (MEK)            | ND ug/L           |                             | 25.0                     | 1             |          | 07/17/07 06:12 | 104-51-8   |      |
| n-Butylbenzene              | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 135-98-8   |      |
| sec-Butylbenzene            | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 98-06-6    |      |
| tert-Butylbenzene           | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 75-15-0    |      |
| Carbon disulfide            | ND ug/L           |                             | 10.0                     | 1             |          | 07/17/07 06:12 | 56-23-5    |      |
| Carbon tetrachloride        | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 108-90-7   |      |
| Chlorobenzene               | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 75-00-3    |      |
| Chloroethane                | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 67-66-3    |      |
| Chloroform                  | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 74-87-3    |      |
| Chloromethane               | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 95-49-8    |      |
| 2-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 106-43-4   |      |
| 4-Chlorotoluene             | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 124-48-1   |      |
| Dibromochloromethane        | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 142-28-9   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 594-20-7   |      |
| Dibromomethane              | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 563-58-6   |      |
| 1,2-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 10061-01-5 |      |
| 1,3-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 10061-02-6 |      |
| 1,4-Dichlorobenzene         | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 100-41-4   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L           |                             | 100                      | 1             |          | 07/17/07 06:12 | 97-63-2    |      |
| Dichlorodifluoromethane     | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 142-28-9   |      |
| 1,1-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 591-78-6   |      |
| 1,2-Dichloroethane          | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 541-73-1   |      |
| 1,1-Dichloroethene          | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 156-59-2   |      |
| cis-1,2-Dichloroethene      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 156-60-5   |      |
| trans-1,2-Dichloroethene    | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 110-57-6   |      |
| 1,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 75-71-8    |      |
| 1,3-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 107-06-2   |      |
| 2,2-Dichloropropane         | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 107-06-2   |      |
| 1,1-Dichloropropene         | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 75-35-4    |      |
| cis-1,3-Dichloropropene     | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 124-48-1   |      |
| trans-1,3-Dichloropropene   | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 142-28-9   |      |
| Ethylbenzene                | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 591-78-6   |      |
| Ethyl methacrylate          | ND ug/L           |                             | 100                      | 1             |          | 07/17/07 06:12 | 98-82-8    |      |
| Hexachloro-1,3-butadiene    | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 99-87-6    |      |
| 2-Hexanone                  | ND ug/L           |                             | 25.0                     | 1             |          | 07/17/07 06:12 | 100-41-4   |      |
| Iodomethane                 | ND ug/L           |                             | 10.0                     | 1             |          | 07/17/07 06:12 | 110-57-6   |      |
| Isopropylbenzene (Cumene)   | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 156-59-2   |      |
| p-Isopropyltoluene          | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:12 | 156-60-5   |      |

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## ANALYTICAL RESULTS

Project: Michigan Plaza  
 Pace Project No.: 505274

| Sample: MMW-P-10D           | Lab ID: 505274002 | Collected: 07/06/07 11:45 | Received: 07/09/07 11:05 | Matrix: Water |          |                |           |                             |
|-----------------------------|-------------------|---------------------------|--------------------------|---------------|----------|----------------|-----------|-----------------------------|
| Parameters                  | Results           | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual                        |
| <b>8260 MSV</b>             |                   |                           |                          |               |          |                |           | Analytical Method: EPA 8260 |
| Methylene chloride          | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 75-09-2   |                             |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                           | 25.0                     | 1             |          | 07/17/07 06:12 | 108-10-1  |                             |
| Methyl-tert-butyl ether     | ND ug/L           |                           | 4.0                      | 1             |          | 07/17/07 06:12 | 1634-04-4 |                             |
| Naphthalene                 | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 91-20-3   |                             |
| n-Propylbenzene             | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 103-65-1  |                             |
| Styrene                     | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 100-42-5  |                             |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 630-20-6  |                             |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 79-34-5   |                             |
| Tetrachloroethene           | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 127-18-4  |                             |
| Toluene                     | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 108-88-3  |                             |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 87-61-6   |                             |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 120-82-1  |                             |
| 1,1,1-Trichloroethane       | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 71-55-6   |                             |
| 1,1,2-Trichloroethane       | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 79-00-5   |                             |
| Trichloroethene             | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 79-01-6   |                             |
| Trichlorofluoromethane      | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 75-69-4   |                             |
| 1,2,3-Trichloropropane      | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 96-18-4   |                             |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 95-63-6   |                             |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                           | 5.0                      | 1             |          | 07/17/07 06:12 | 108-67-8  |                             |
| Vinyl acetate               | ND ug/L           |                           | 10.0                     | 1             |          | 07/17/07 06:12 | 108-05-4  |                             |
| Vinyl chloride              | 118 ug/L          |                           | 2.0                      | 1             |          | 07/17/07 06:12 | 75-01-4   |                             |
| Xylene (Total)              | ND ug/L           |                           | 10.0                     | 1             |          | 07/17/07 06:12 | 1330-20-7 |                             |
| Dibromofluoromethane (S)    | 101 %             |                           | 82-122                   | 1             |          | 07/17/07 06:12 | 1868-53-7 |                             |
| 4-Bromofluorobenzene (S)    | 100 %             |                           | 73-120                   | 1             |          | 07/17/07 06:12 | 460-00-4  |                             |
| Toluene-d8 (S)              | 104 %             |                           | 80-120                   | 1             |          | 07/17/07 06:12 | 2037-26-5 |                             |

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## ANALYTICAL RESULTS

Project: Michigan Plaza  
 Pace Project No.: 505274

| Sample: TRIP BLANK          | Lab ID: 505274003           | Collected: 07/06/07 00:00 | Received: 07/09/07 11:05 | Matrix: Water |          |                |            |      |
|-----------------------------|-----------------------------|---------------------------|--------------------------|---------------|----------|----------------|------------|------|
| Parameters                  | Results                     | Units                     | Report Limit             | DF            | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>             | Analytical Method: EPA 8260 |                           |                          |               |          |                |            |      |
| Acetone                     | ND ug/L                     |                           | 100                      | 1             |          | 07/17/07 06:45 | 67-64-1    |      |
| Acrolein                    | ND ug/L                     |                           | 100                      | 1             |          | 07/17/07 06:45 | 107-02-8   |      |
| Acrylonitrile               | ND ug/L                     |                           | 100                      | 1             |          | 07/17/07 06:45 | 107-13-1   |      |
| Benzene                     | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 71-43-2    |      |
| Bromobenzene                | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 108-86-1   |      |
| Bromoform                   | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 74-97-5    |      |
| Bromochloromethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 75-27-4    |      |
| Bromodichloromethane        | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 75-25-2    |      |
| Bromomethane                | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 74-83-9    |      |
| 2-Butanone (MEK)            | ND ug/L                     |                           | 25.0                     | 1             |          | 07/17/07 06:45 | 78-93-3    |      |
| n-Butylbenzene              | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 104-51-8   |      |
| sec-Butylbenzene            | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 135-98-8   |      |
| tert-Butylbenzene           | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 98-06-6    |      |
| Carbon disulfide            | ND ug/L                     |                           | 10.0                     | 1             |          | 07/17/07 06:45 | 75-15-0    |      |
| Carbon tetrachloride        | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 56-23-5    |      |
| Chlorobenzene               | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 108-90-7   |      |
| Chloroethane                | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 75-00-3    |      |
| Chloroform                  | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 67-66-3    |      |
| Chloromethane               | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 74-87-3    |      |
| 2-Chlorotoluene             | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 95-49-8    |      |
| 4-Chlorotoluene             | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 106-43-4   |      |
| Dibromochloromethane        | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 124-48-1   |      |
| 1,2-Dibromoethane (EDB)     | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 106-93-4   |      |
| Dibromomethane              | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 74-95-3    |      |
| 1,2-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 95-50-1    |      |
| 1,3-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 541-73-1   |      |
| 1,4-Dichlorobenzene         | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 106-46-7   |      |
| trans-1,4-Dichloro-2-butene | ND ug/L                     |                           | 100                      | 1             |          | 07/17/07 06:45 | 110-57-6   |      |
| Dichlorodifluoromethane     | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 75-71-8    |      |
| 1,1-Dichloroethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 75-34-3    |      |
| 1,2-Dichloroethane          | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 107-06-2   |      |
| 1,1-Dichloroethene          | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 156-60-5   |      |
| 1,2-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 78-87-5    |      |
| 1,3-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 142-28-9   |      |
| 2,2-Dichloropropane         | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 594-20-7   |      |
| 1,1-Dichloropropene         | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 563-58-6   |      |
| cis-1,3-Dichloropropene     | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 10061-02-6 |      |
| Ethylbenzene                | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 100-41-4   |      |
| Ethyl methacrylate          | ND ug/L                     |                           | 100                      | 1             |          | 07/17/07 06:45 | 97-63-2    |      |
| Hexachloro-1,3-butadiene    | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 87-68-3    |      |
| 2-Hexanone                  | ND ug/L                     |                           | 25.0                     | 1             |          | 07/17/07 06:45 | 591-78-6   |      |
| Iodomethane                 | ND ug/L                     |                           | 10.0                     | 1             |          | 07/17/07 06:45 | 74-88-4    |      |
| Isopropylbenzene (Cumene)   | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 98-82-8    |      |
| p-Isopropyltoluene          | ND ug/L                     |                           | 5.0                      | 1             |          | 07/17/07 06:45 | 99-87-6    |      |

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## ANALYTICAL RESULTS

Project: Michigan Plaza  
Pace Project No.: 505274

| Sample: TRIP BLANK          | Lab ID: 505274003 | Collected: 07/06/07 00:00   | Received: 07/09/07 11:05 | Matrix: Water |          |                |           |      |
|-----------------------------|-------------------|-----------------------------|--------------------------|---------------|----------|----------------|-----------|------|
| Parameters                  | Results           | Units                       | Report Limit             | DF            | Prepared | Analyzed       | CAS No.   | Qual |
| <b>8260 MSV</b>             |                   | Analytical Method: EPA 8260 |                          |               |          |                |           |      |
| Methylene chloride          | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 75-09-2   |      |
| 4-Methyl-2-pentanone (MIBK) | ND ug/L           |                             | 25.0                     | 1             |          | 07/17/07 06:45 | 108-10-1  |      |
| Methyl-tert-butyl ether     | ND ug/L           |                             | 4.0                      | 1             |          | 07/17/07 06:45 | 1634-04-4 |      |
| Naphthalene                 | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 91-20-3   |      |
| n-Propylbenzene             | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 103-65-1  |      |
| Styrene                     | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 100-42-5  |      |
| 1,1,1,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 630-20-6  |      |
| 1,1,2,2-Tetrachloroethane   | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 79-34-5   |      |
| Tetrachloroethene           | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 127-18-4  |      |
| Toluene                     | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 108-88-3  |      |
| 1,2,3-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 87-61-6   |      |
| 1,2,4-Trichlorobenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 120-82-1  |      |
| 1,1,1-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 71-55-6   |      |
| 1,1,2-Trichloroethane       | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 79-00-5   |      |
| Trichloroethene             | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 79-01-6   |      |
| Trichlorofluoromethane      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 75-69-4   |      |
| 1,2,3-Trichloropropane      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 96-18-4   |      |
| 1,2,4-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 95-63-6   |      |
| 1,3,5-Trimethylbenzene      | ND ug/L           |                             | 5.0                      | 1             |          | 07/17/07 06:45 | 108-67-8  |      |
| Vinyl acetate               | ND ug/L           |                             | 10.0                     | 1             |          | 07/17/07 06:45 | 108-05-4  |      |
| Vinyl chloride              | ND ug/L           |                             | 2.0                      | 1             |          | 07/17/07 06:45 | 75-01-4   |      |
| Xylene (Total)              | ND ug/L           |                             | 10.0                     | 1             |          | 07/17/07 06:45 | 1330-20-7 |      |
| Dibromofluoromethane (S)    | 104 %             |                             | 82-122                   | 1             |          | 07/17/07 06:45 | 1868-53-7 |      |
| 4-Bromofluorobenzene (S)    | 101 %             |                             | 73-120                   | 1             |          | 07/17/07 06:45 | 460-00-4  |      |
| Toluene-d8 (S)              | 102 %             |                             | 80-120                   | 1             |          | 07/17/07 06:45 | 2037-26-5 |      |

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## QUALITY CONTROL DATA

Project: Michigan Plaza  
 Pace Project No.: 505274

QC Batch: MSV/3642 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
 Associated Lab Samples: 505274001, 505274002, 505274003

METHOD BLANK: 56215

Associated Lab Samples: 505274001, 505274002, 505274003

| Parameter                   | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------------|
| 1,1,1,2-Tetrachloroethane   | ug/L  | ND           | 5.0             |            |
| 1,1,1-Trichloroethane       | ug/L  | ND           | 5.0             |            |
| 1,1,2,2-Tetrachloroethane   | ug/L  | ND           | 5.0             |            |
| 1,1,2-Trichloroethane       | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloroethane          | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloroethene          | ug/L  | ND           | 5.0             |            |
| 1,1-Dichloropropene         | ug/L  | ND           | 5.0             |            |
| 1,2,3-Trichlorobenzene      | ug/L  | ND           | 5.0             |            |
| 1,2,3-Trichloropropane      | ug/L  | ND           | 5.0             |            |
| 1,2,4-Trichlorobenzene      | ug/L  | ND           | 5.0             |            |
| 1,2,4-Trimethylbenzene      | ug/L  | ND           | 5.0             |            |
| 1,2-Dibromoethane (EDB)     | ug/L  | ND           | 5.0             |            |
| 1,2-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 1,2-Dichloroethane          | ug/L  | ND           | 5.0             |            |
| 1,2-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 1,3,5-Trimethylbenzene      | ug/L  | ND           | 5.0             |            |
| 1,3-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 1,3-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 1,4-Dichlorobenzene         | ug/L  | ND           | 5.0             |            |
| 2,2-Dichloropropane         | ug/L  | ND           | 5.0             |            |
| 2-Butanone (MEK)            | ug/L  | ND           | 25.0            |            |
| 2-Chlorotoluene             | ug/L  | ND           | 5.0             |            |
| 2-Hexanone                  | ug/L  | ND           | 25.0            |            |
| 4-Chlorotoluene             | ug/L  | ND           | 5.0             |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | ND           | 25.0            |            |
| Acetone                     | ug/L  | ND           | 100             |            |
| Acrolein                    | ug/L  | ND           | 100             |            |
| Acrylonitrile               | ug/L  | ND           | 100             |            |
| Benzene                     | ug/L  | ND           | 5.0             |            |
| Bromobenzene                | ug/L  | ND           | 5.0             |            |
| Bromochloromethane          | ug/L  | ND           | 5.0             |            |
| Bromodichloromethane        | ug/L  | ND           | 5.0             |            |
| Bromoform                   | ug/L  | ND           | 5.0             |            |
| Bromomethane                | ug/L  | ND           | 5.0             |            |
| Carbon disulfide            | ug/L  | ND           | 10.0            |            |
| Carbon tetrachloride        | ug/L  | ND           | 5.0             |            |
| Chlorobenzene               | ug/L  | ND           | 5.0             |            |
| Chloroethane                | ug/L  | ND           | 5.0             |            |
| Chloroform                  | ug/L  | ND           | 5.0             |            |
| Chloromethane               | ug/L  | ND           | 5.0             |            |
| cis-1,2-Dichloroethene      | ug/L  | ND           | 5.0             |            |
| cis-1,3-Dichloropropene     | ug/L  | ND           | 5.0             |            |
| Dibromochloromethane        | ug/L  | ND           | 5.0             |            |

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## QUALITY CONTROL DATA

Project: Michigan Plaza  
 Pace Project No.: 505274

METHOD BLANK: 56215

Associated Lab Samples: 505274001, 505274002, 505274003

| Parameter                   | Units | Blank Result | Reporting Limit | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------------|
| Dibromomethane              | ug/L  | ND           | 5.0             |            |
| Dichlorodifluoromethane     | ug/L  | ND           | 5.0             |            |
| Ethyl methacrylate          | ug/L  | ND           | 100             |            |
| Ethylbenzene                | ug/L  | ND           | 5.0             |            |
| Hexachloro-1,3-butadiene    | ug/L  | ND           | 5.0             |            |
| Iodomethane                 | ug/L  | ND           | 10.0            |            |
| Isopropylbenzene (Cumene)   | ug/L  | ND           | 5.0             |            |
| Methyl-tert-butyl ether     | ug/L  | ND           | 4.0             |            |
| Methylene chloride          | ug/L  | ND           | 5.0             |            |
| n-Butylbenzene              | ug/L  | ND           | 5.0             |            |
| n-Propylbenzene             | ug/L  | ND           | 5.0             |            |
| Naphthalene                 | ug/L  | ND           | 5.0             |            |
| p-Isopropyltoluene          | ug/L  | ND           | 5.0             |            |
| sec-Butylbenzene            | ug/L  | ND           | 5.0             |            |
| Styrene                     | ug/L  | ND           | 5.0             |            |
| tert-Butylbenzene           | ug/L  | ND           | 5.0             |            |
| Tetrachloroethene           | ug/L  | ND           | 5.0             |            |
| Toluene                     | ug/L  | ND           | 5.0             |            |
| trans-1,2-Dichloroethene    | ug/L  | ND           | 5.0             |            |
| trans-1,3-Dichloropropene   | ug/L  | ND           | 5.0             |            |
| trans-1,4-Dichloro-2-butene | ug/L  | ND           | 100             |            |
| Trichloroethene             | ug/L  | ND           | 5.0             |            |
| Trichlorofluoromethane      | ug/L  | ND           | 5.0             |            |
| Vinyl acetate               | ug/L  | ND           | 10.0            |            |
| Vinyl chloride              | ug/L  | ND           | 2.0             |            |
| Xylene (Total)              | ug/L  | ND           | 10.0            |            |
| 4-Bromofluorobenzene (S)    | %     | 101          | 73-120          |            |
| Dibromofluoromethane (S)    | %     | 102          | 82-122          |            |
| Toluene-d8 (S)              | %     | 104          | 80-120          |            |

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LABORATORY CONTROL SAMPLE: 56216

| Parameter                 | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L  | 50          | 54.5       | 109       | 70-126       |            |
| 1,1,1-Trichloroethane     | ug/L  | 50          | 56.8       | 114       | 70-128       |            |
| 1,1,2,2-Tetrachloroethane | ug/L  | 50          | 52.5       | 105       | 66-134       |            |
| 1,1,2-Trichloroethane     | ug/L  | 50          | 55.9       | 112       | 71-131       |            |
| 1,1-Dichloroethane        | ug/L  | 50          | 58.2       | 116       | 72-125       |            |
| 1,1-Dichloroethene        | ug/L  | 50          | 49.8       | 100       | 66-140       |            |
| 1,1-Dichloropropene       | ug/L  | 50          | 57.8       | 116       | 72-125       |            |
| 1,2,3-Trichlorobenzene    | ug/L  | 50          | 51.3       | 103       | 63-130       |            |
| 1,2,3-Trichloropropane    | ug/L  | 50          | 50.7       | 101       | 50-139       |            |
| 1,2,4-Trichlorobenzene    | ug/L  | 50          | 50.0       | 100       | 61-129       |            |
| 1,2,4-Trimethylbenzene    | ug/L  | 50          | 54.3       | 109       | 72-128       |            |
| 1,2-Dibromoethane (EDB)   | ug/L  | 50          | 54.3       | 109       | 70-130       |            |

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## QUALITY CONTROL DATA

Project: Michigan Plaza  
 Pace Project No.: 505274

LABORATORY CONTROL SAMPLE: 56216

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,2-Dichlorobenzene         | ug/L  | 50          | 53.8       | 108       | 72-129       |            |
| 1,2-Dichloroethane          | ug/L  | 50          | 58.0       | 116       | 66-131       |            |
| 1,2-Dichloropropane         | ug/L  | 50          | 54.2       | 108       | 72-125       |            |
| 1,3,5-Trimethylbenzene      | ug/L  | 50          | 56.9       | 114       | 72-130       |            |
| 1,3-Dichlorobenzene         | ug/L  | 50          | 57.1       | 114       | 74-128       |            |
| 1,3-Dichloropropane         | ug/L  | 50          | 52.9       | 106       | 70-130       |            |
| 1,4-Dichlorobenzene         | ug/L  | 50          | 55.8       | 112       | 72-124       |            |
| 2,2-Dichloropropane         | ug/L  | 50          | 53.9       | 108       | 62-134       |            |
| 2-Butanone (MEK)            | ug/L  | 250         | 296        | 118       | 44-150       |            |
| 2-Chlorotoluene             | ug/L  | 50          | 59.4       | 119       | 74-133       |            |
| 2-Hexanone                  | ug/L  | 250         | 309        | 124       | 38-150       |            |
| 4-Chlorotoluene             | ug/L  | 50          | 53.6       | 107       | 73-129       |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | 250         | 269        | 108       | 55-142       |            |
| Acetone                     | ug/L  | 250         | 368        | 147       | 29-150       |            |
| Acrylonitrile               | ug/L  | 1000        | 1030       | 103       | 50-150       |            |
| Benzene                     | ug/L  | 50          | 59.0       | 118       | 75-126       |            |
| Bromobenzene                | ug/L  | 50          | 51.1       | 102       | 72-129       |            |
| Bromoform                   | ug/L  | 50          | 59.1       | 118       | 67-139       |            |
| Bromochloromethane          | ug/L  | 50          | 55.9       | 112       | 70-130       |            |
| Bromodichloromethane        | ug/L  | 50          | 49.2       | 98        | 63-127       |            |
| Bromoform                   | ug/L  | 50          | 56.5       | 113       | 43-146       |            |
| Bromomethane                | ug/L  | 100         | 122        | 122       | 52-172       |            |
| Carbon disulfide            | ug/L  | 50          | 60.8       | 122       | 65-125       |            |
| Carbon tetrachloride        | ug/L  | 50          | 57.8       | 116       | 74-123       |            |
| Chlorobenzene               | ug/L  | 50          | 75.6       | 151       | 61-141 L0    |            |
| Chloroethane                | ug/L  | 50          | 58.8       | 118       | 68-127       |            |
| Chloroform                  | ug/L  | 50          | 48.3       | 97        | 42-138       |            |
| Chloromethane               | ug/L  | 50          | 58.9       | 118       | 77-132       |            |
| cis-1,2-Dichloroethene      | ug/L  | 50          | 50.6       | 101       | 60-119       |            |
| cis-1,3-Dichloropropene     | ug/L  | 50          | 58.1       | 116       | 72-133       |            |
| Dibromochloromethane        | ug/L  | 50          | 58.0       | 116       | 76-133       |            |
| Dibromomethane              | ug/L  | 50          | 51.1       | 102       | 50-179       |            |
| Ethyl methacrylate          | ug/L  | 50          | ND         | 116       | 70-130       |            |
| Ethylbenzene                | ug/L  | 50          | 59.1       | 118       | 70-129       |            |
| Hexachloro-1,3-butadiene    | ug/L  | 50          | 52.8       | 106       | 71-132       |            |
| Iodomethane                 | ug/L  | 100         | 105        | 105       | 70-130       |            |
| Isopropylbenzene (Cumene)   | ug/L  | 50          | 61.4       | 123       | 74-126       |            |
| Methyl-tert-butyl ether     | ug/L  | 100         | 126        | 126       | 68-139       |            |
| Methylene chloride          | ug/L  | 50          | 62.1       | 124       | 50-119 L0    |            |
| n-Butylbenzene              | ug/L  | 50          | 53.6       | 107       | 70-130       |            |
| n-Propylbenzene             | ug/L  | 50          | 58.4       | 117       | 74-135       |            |
| Naphthalene                 | ug/L  | 50          | 51.3       | 103       | 56-134       |            |
| p-Isopropyltoluene          | ug/L  | 50          | 53.0       | 106       | 70-133       |            |
| sec-Butylbenzene            | ug/L  | 50          | 58.7       | 117       | 75-133       |            |
| Styrene                     | ug/L  | 50          | 57.6       | 115       | 75-125       |            |
| tert-Butylbenzene           | ug/L  | 50          | 50.7       | 101       | 69-121       |            |
| Tetrachloroethene           | ug/L  | 50          | 40.8       | 82        | 55-121       |            |
| Toluene                     | ug/L  | 50          | 59.8       | 120       | 72-126       |            |

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## QUALITY CONTROL DATA

Project: Michigan Plaza  
Pace Project No.: 505274

LABORATORY CONTROL SAMPLE: 56216

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| trans-1,2-Dichloroethene    | ug/L  | 50          | 50.5       | 101       | 73-131       |            |
| trans-1,3-Dichloropropene   | ug/L  | 50          | 51.5       | 103       | 59-119       |            |
| trans-1,4-Dichloro-2-butene | ug/L  | 50          | 54.2J      | 108       | 50-150       |            |
| Trichloroethene             | ug/L  | 50          | 55.6       | 111       | 73-123       |            |
| Trichlorofluoromethane      | ug/L  | 50          | 49.3       | 99        | 65-145       |            |
| Vinyl acetate               | ug/L  | 200         | 195        | 98        | 50-150       |            |
| Vinyl chloride              | ug/L  | 50          | 53.6       | 107       | 54-139       |            |
| Xylene (Total)              | ug/L  | 150         | 179        | 120       | 72-127       |            |
| 4-Bromofluorobenzene (S)    | %     |             |            | 100       | 73-120       |            |
| Dibromofluoromethane (S)    | %     |             |            | 104       | 82-122       |            |
| Toluene-d8 (S)              | %     |             |            | 99        | 80-120       |            |

MATRIX SPIKE SAMPLE: 56217

| Parameter                   | Units | 505274001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|------------------|-------------|-----------|----------|--------------|------------|
| 1,1,1,2-Tetrachloroethane   | ug/L  | ND               | 100         | 103       | 103      | 54-134       |            |
| 1,1,1-Trichloroethane       | ug/L  | ND               | 100         | 110       | 110      | 63-130       |            |
| 1,1,2,2-Tetrachloroethane   | ug/L  | ND               | 100         | 104       | 104      | 59-139       |            |
| 1,1,2-Trichloroethane       | ug/L  | ND               | 100         | 106       | 106      | 64-136       |            |
| 1,1-Dichloroethane          | ug/L  | ND               | 100         | 112       | 112      | 67-129       |            |
| 1,1-Dichloroethene          | ug/L  | ND               | 100         | 94.6      | 95       | 59-150       |            |
| 1,1-Dichloropropene         | ug/L  | ND               | 100         | 106       | 106      | 68-127       |            |
| 1,2,3-Trichlorobenzene      | ug/L  | ND               | 100         | 84.6      | 85       | 39-136       |            |
| 1,2,3-Trichloropropane      | ug/L  | ND               | 100         | 98.9      | 99       | 41-137       |            |
| 1,2,4-Trichlorobenzene      | ug/L  | ND               | 100         | 84.8      | 85       | 34-137       |            |
| 1,2,4-Trimethylbenzene      | ug/L  | ND               | 100         | 101       | 101      | 36-143       |            |
| 1,2-Dibromoethane (EDB)     | ug/L  | ND               | 100         | 103       | 103      | 64-132       |            |
| 1,2-Dichlorobenzene         | ug/L  | ND               | 100         | 91.0      | 91       | 52-136       |            |
| 1,2-Dichloroethane          | ug/L  | ND               | 100         | 107       | 107      | 62-134       |            |
| 1,2-Dichloropropane         | ug/L  | ND               | 100         | 97.7      | 98       | 67-128       |            |
| 1,3,5-Trimethylbenzene      | ug/L  | ND               | 100         | 104       | 104      | 33-145       |            |
| 1,3-Dichlorobenzene         | ug/L  | ND               | 100         | 99.5      | 100      | 47-139       |            |
| 1,3-Dichloropropane         | ug/L  | ND               | 100         | 95.7      | 96       | 63-134       |            |
| 1,4-Dichlorobenzene         | ug/L  | ND               | 100         | 97.6      | 98       | 46-135       |            |
| 2,2-Dichloropropane         | ug/L  | ND               | 100         | 88.8      | 89       | 51-136       |            |
| 2-Butanone (MEK)            | ug/L  | ND               | 500         | 461       | 92       | 54-148       |            |
| 2-Chlorotoluene             | ug/L  | ND               | 100         | 102       | 102      | 43-147       |            |
| 2-Hexanone                  | ug/L  | ND               | 500         | 546       | 109      | 60-140       |            |
| 4-Chlorotoluene             | ug/L  | ND               | 100         | 92.3      | 92       | 46-139       |            |
| 4-Methyl-2-pentanone (MIBK) | ug/L  | ND               | 500         | 506       | 101      | 56-147       |            |
| Acetone                     | ug/L  | ND               | 500         | 493       | 99       | 27-163       |            |
| Acrylonitrile               | ug/L  | ND               | 2000        | 1860      | 93       | 50-150       |            |
| Benzene                     | ug/L  | ND               | 100         | 111       | 111      | 66-135       |            |
| Bromobenzene                | ug/L  | ND               | 100         | 86.6      | 87       | 57-135       |            |
| Bromochloromethane          | ug/L  | ND               | 100         | 110       | 110      | 61-142       |            |
| Bromodichloromethane        | ug/L  | ND               | 100         | 104       | 104      | 60-135       |            |
| Bromoform                   | ug/L  | ND               | 100         | 101       | 101      | 50-127       |            |

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Michigan Plaza  
Pace Project No.: 505274

| MATRIX SPIKE SAMPLE:        | 56217 |                     |                |              |             |                 |            |
|-----------------------------|-------|---------------------|----------------|--------------|-------------|-----------------|------------|
| Parameter                   | Units | 505274001<br>Result | Spike<br>Conc. | MS<br>Result | MS<br>% Rec | % Rec<br>Limits | Qualifiers |
| Bromomethane                | ug/L  | ND                  | 100            | 188          | 188         | 32-148          | M0         |
| Carbon disulfide            | ug/L  | ND                  | 200            | 236          | 118         | 46-173          |            |
| Carbon tetrachloride        | ug/L  | ND                  | 100            | 119          | 119         | 51-130          |            |
| Chlorobenzene               | ug/L  | ND                  | 100            | 102          | 102         | 59-135          |            |
| Chloroethane                | ug/L  | ND                  | 100            | 203          | 203         | 58-153          | M0         |
| Chloroform                  | ug/L  | ND                  | 100            | 112          | 112         | 61-133          |            |
| Chloromethane               | ug/L  | ND                  | 100            | 80.6         | 81          | 44-135          |            |
| cis-1,2-Dichloroethene      | ug/L  | 92.1                | 100            | 201          | 109         | 75-133          |            |
| cis-1,3-Dichloropropene     | ug/L  | ND                  | 100            | 96.9         | 97          | 51-121          |            |
| Dibromochloromethane        | ug/L  | ND                  | 100            | 113          | 113         | 56-139          |            |
| Dibromomethane              | ug/L  | ND                  | 100            | 110          | 110         | 70-136          |            |
| Dichlorodifluoromethane     | ug/L  | ND                  | 100            | 91.1         | 91          | 25-175          |            |
| Ethyl methacrylate          | ug/L  | ND                  | 100            | 111          | 111         | 50-150          |            |
| Ethylbenzene                | ug/L  | ND                  | 100            | 104          | 104         | 59-143          |            |
| Hexachloro-1,3-butadiene    | ug/L  | ND                  | 100            | 88.9         | 89          | 50-155          |            |
| Iodomethane                 | ug/L  | ND                  | 200            | 229          | 110         | 70-130          |            |
| Isopropylbenzene (Cumene)   | ug/L  | ND                  | 100            | 107          | 107         | 48-139          |            |
| Methyl-tert-butyl ether     | ug/L  | ND                  | 200            | 242          | 121         | 62-147          |            |
| Methylene chloride          | ug/L  | ND                  | 100            | 115          | 115         | 46-119          |            |
| n-Butylbenzene              | ug/L  | ND                  | 100            | 96.9         | 97          | 50-156          |            |
| n-Propylbenzene             | ug/L  | ND                  | 100            | 105          | 105         | 33-153          |            |
| Naphthalene                 | ug/L  | ND                  | 100            | 88.4         | 88          | 40-136          |            |
| p-Isopropyltoluene          | ug/L  | ND                  | 100            | 93.7         | 94          | 38-143          |            |
| sec-Butylbenzene            | ug/L  | ND                  | 100            | 106          | 106         | 35-151          |            |
| Styrene                     | ug/L  | ND                  | 100            | 99.2         | 99          | 53-133          |            |
| tert-Butylbenzene           | ug/L  | ND                  | 100            | 93.5         | 93          | 37-136          |            |
| Tetrachloroethene           | ug/L  | 87.9                | 100            | 217          | 129         | 40-127          | M0         |
| Toluene                     | ug/L  | ND                  | 100            | 110          | 110         | 63-137          |            |
| trans-1,2-Dichloroethene    | ug/L  | 10.2                | 100            | 101          | 91          | 70-134          |            |
| trans-1,3-Dichloropropene   | ug/L  | ND                  | 100            | 99.1         | 99          | 49-121          |            |
| trans-1,4-Dichloro-2-butene | ug/L  | ND                  | 100            | 95.7J        | 96          | 50-150          |            |
| Trichloroethene             | ug/L  | 54.9                | 100            | 155          | 100         | 61-131          |            |
| Trichlorofluoromethane      | ug/L  | ND                  | 100            | 124          | 124         | 64-146          |            |
| Vinyl acetate               | ug/L  | ND                  | 400            | 397          | 99          | 50-150          |            |
| Vinyl chloride              | ug/L  | ND                  | 100            | 104          | 104         | 54-140          |            |
| Xylene (Total)              | ug/L  | ND                  | 300            | 311          | 104         | 54-140          |            |
| 4-Bromofluorobenzene (S)    | %     |                     |                |              | 97          | 73-120          |            |
| Dibromofluoromethane (S)    | %     |                     |                |              | 103         | 82-122          |            |
| Toluene-d8 (S)              | %     |                     |                |              | 101         | 80-120          |            |

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## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: Michigan Plaza  
Pace Project No.: 505274

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

### ANALYTE QUALIFIERS

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

M0 Matrix spike recovery was outside laboratory control limits.

Date: 07/20/2007 04:01 PM

## REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

**Section A**  
 Required Client Information:

**Section B**  
 Required Project Information:

**Section C**  
 Invoice Information:

 Company: **MUNDELL & ASSOCIATES**  
 Address: **429 E. VERNON ST.**

Email To:

**INDIANAPOLIS, IN**

Report To:

**LEENA LARTE**

Copy To:

**JOHN MUNDELL**

Address:

**M+A**

Pace Quote Reference:

Pace Project Manager:

Pace Profile #:

 Attention: **MERLE TEBBE**

 Company Name: **NPDES**

 Address: **UST**

 Site Location:  GA  IL  IN  MI  MN  NC
 
 OH  SC  WI  OTHER
 
 Regulatory Agency:  DRINKING WATER  Other
 
 Filtered (Y/N): 

 Requested Analysis:  VOC  8260
 
 Lab ID: **1018601**

 Pace Project Number: **1018601**

 Residual Chlorine (Y/N): 

 Lab ID: **1018601**

 Date Signed (MM/DD/YY): **7-6-07**

| ITEM # | Section D Required Client Information |      | SAMPLE ID      |    | Valid Matrix Codes<br>One Character per box.<br>(A-Z, 0-9,-)<br>Samples IDs MUST BE UNIQUE | MATRIX CODE<br>C=CRAB C=COMP | COLLECTED | COMPOSITE ENDGRAB | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives | Request Analysis: |   |                |
|--------|---------------------------------------|------|----------------|----|--|------------------------------|-----------|-------------------|---------------------------|-----------------|---------------|-------------------|---|----------------|
|        | Matrix                                | Code | DRINKING WATER | DW | WATER  | WT                           | WW        | P                 | SL                        | WP              | WT            | 3                 | X | Filtered (Y/N) |
| 1      | M                                     | M    | W              | -  | P  | -                            | 1         | 0                 | S                         |                 |               | WT                | 6 |                |
| 2      | M                                     | M    | W              | -  | P  | -                            | 1         | 0                 | D                         |                 |               | WT                | 6 |                |
| 3      | T                                     | R    | I              | P  | B  | L                            | A         | N                 | K                         |                 |               | WT                | 6 |                |
| 4      |                                       |      |                |    |  |                              |           |                   |                           |                 |               |                   |   |                |
| 5      |                                       |      |                |    |  |                              |           |                   |                           |                 |               |                   |   |                |
| 6      |                                       |      |                |    |  |                              |           |                   |                           |                 |               |                   |   |                |
| 7      |                                       |      |                |    |  |                              |           |                   |                           |                 |               |                   |   |                |
| 8      |                                       |      |                |    |  |                              |           |                   |                           |                 |               |                   |   |                |
| 9      |                                       |      |                |    |  |                              |           |                   |                           |                 |               |                   |   |                |
| 10     |                                       |      |                |    |  |                              |           |                   |                           |                 |               |                   |   |                |
| 11     |                                       |      |                |    |  |                              |           |                   |                           |                 |               |                   |   |                |
| 12     |                                       |      |                |    |  |                              |           |                   |                           |                 |               |                   |   |                |

Additional Comments:

Pace P/L

9/9/07

 relinquished by: **John L. Pace** Accepted by: **Rachel Mungess** Date: **2007/11/05** Time: **11:05**

 Sample Condition: **4**





## Sample Condition Upon Receipt

Client Name: Mundell & Assoc Project # 505274Courier:  FedEx  UPS  USPS  Client  Commercial  Pace Other \_\_\_\_\_

Tracking #: \_\_\_\_\_

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  noPacking Material:  Bubble Wrap  Bubble Bags  None  Other \_\_\_\_\_Thermometer Used #Type of Ice:  Wet  Blue  None Samples on ice, cooling process has begunCooler Temperature 42Biological Tissue is Frozen: Yes  No Comments: Date and initials of person examining contents: BP 7.9.07

Temp should be above freezing to 6°C

|  |  |                             |
|--|--|-----------------------------|
| Chain of Custody Present:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 1.                          |
| Chain of Custody Filled Out:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 2.                          |
| Chain of Custody Relinquished:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 3.                          |
| Sampler Name & Signature on COC:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 4.                          |
| Samples Arrived within Hold Time:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 5.                          |
| Short Hold Time Analysis (<72hr):  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 6.                          |
| Rush Turn Around Time Requested:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 7.                          |
| Sufficient Volume:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 8.                          |
| Correct Containers Used:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 9.                          |
| -Pace Containers Used:   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |                             |
| Containers Intact:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 10.                         |
| Filtered volume received for Dissolved tests   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 11.                         |
| Sample Labels match COC:   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 12.                         |
| -Includes date/time/ID/Analysis Matrix:  |  |                             |
| All containers needing preservation have been checked.                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 13.                         |
| All containers needing preservation are found to be in compliance with EPA recommendation. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |                             |
| exceptions: VOA, coliform, TOC, C&G, WI-DRO (water)  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Initial when completed      |
| Samples checked for dechlorination:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Lot # of added preservative |
| Headspace in VOA Vials (>6mm):   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |                             |
| Trip Blank Present:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 14.                         |
| Trip Blank Custody Seals Present   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 15.                         |
| Pace Trip Blank Lot # (if purchased):  | <u>715212</u>  | 16.                         |

## Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Project Manager Review: \_\_\_\_\_

Date: \_\_\_\_\_

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office ( i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



## **APPENDIX B**

## **SOIL BORING LOGS**



# MUNDELL & ASSOCIATES, INC.

## BORING LOG

BORING NO: MMW-11D

**CLIENT:** AIMCO  
**PROJECT LOCATION:** Indianapolis, Indiana  
**PROJECT NAME:** Michigan Meadows  
**PROJECT NO:** M01046  
**DRILLING CONTRACTOR:** Midway Services, Inc.  
**DRILLER:** Mark Hicks / J.R. Todish  
**BORING LOCATION:** N of Bldg 10, W of Bldg 6  
**FIELD GEOLOGIST:** April Nelson & Leena Lothe  
**NOTES:**

**DATE BEGAN:** 6/1/07      **PAGE 1 OF 2**  
**DATE FINISHED:** 6/1/07  
**DRILLING METHOD:** Direct Push / HSA  
**DRILL EQUIP:** Geoprobe 5400 / BK 51 HD  
**GW DEPTH (OBSERVED):** 16'  
**DEPTH OF BORING:** 36'  
**TOP OF CASING ELEVATION:** N/A  
**SURFACE ELEVATION:** N/A  
**COMMENTS:**

| Lithologic Description   | USCS Symbol | Stratum Depth (feet) | PID Headspace (ppm) | Rec. % | Sample Location | Sample ID | Depth (feet) | Water Level Information |
|--|-------------|----------------------|---------------------|--------|-----------------|-----------|--------------|-------------------------|
| ASPHALT: 3 - 4" of ASPHALT   |             | 0.25                 |                     |        |                 |           | 0.0          |                         |
| FILL: 6 - 8" of FILL gravel, BASE COURSE                                       |             | 1.0                  |                     | 10%    |                 |           | 5.0          |                         |
| CL: SILTY CLAY with gravel, dry, very dk brown (10 YR 2/2)                     | CL          |                      |                     |        |                 |           |              |                         |
| CL: SILTY CLAY with trace gravel, slightly moist, dk brown (10 YR 3/3)         | CL          | 6.0                  |                     | 80%    |                 |           | 10.0         |                         |
| CL: SANDY CLAY with trace gravel, slightly moist, dk grayish brown (10 YR 4/2) | CL          | 6.5                  |                     |        |                 |           |              |                         |
| CL: SANDY CLAY with trace gravel, slightly moist, brown (10 YR 4/3)            | CL          | 7.0                  |                     |        |                 |           |              |                         |
| SC: CLAYEY SAND with trace gravel, slightly moist, brown (10 YR 4/3)           | SC          | 9.5                  |                     | 75%    |                 |           | 15.0         |                         |
| SW: MEDIUM SAND with trace gravel, slightly moist, brown (10 YR 5/3)           | SW          | 11.0                 |                     |        |                 |           |              |                         |
| SW: MEDIUM TO COARSE SAND with gravel, slightly moist, brown (10 YR 4/3)       | SW          | 13.0                 |                     | 65%    |                 |           |              |                         |
| SW: MEDIUM TO COARSE SAND with gravel, wet, brown (10 YR 4/3)                  | SW          | 16.0                 |                     | 65%    |                 |           |              |                         |
| - Blind drilled  |             | 20.0                 |                     |        |                 |           |              |                         |



MUNDELL & ASSOCIATES, INC.  
BORING LOG

BORING NO: MMW-11D

CLIENT: AIMCO  
PROJECT LOCATION: Indianapolis, Indiana  
PROJECT NAME: Michigan Meadows  
PROJECT NO: M01046  
DRILLING CONTRACTOR: Midway Services, Inc.  
DRILLER: Mark Hicks / J.R. Todish  
BORING LOCATION: N of Bldg 10, W of Bldg 6  
FIELD GEOLOGIST: April Nelson & Leena Lothe  
NOTES:

DATE BEGAN: 6/1/07  
DATE FINISHED: 6/1/07  
DRILLING METHOD: Direct Push / HSA  
DRILL EQUIP: Geoprobe 5400 / BK 51 HD  
GW DEPTH (OBSERVED): 16'  
DEPTH OF BORING: 36'  
TOP OF CASING ELEVATION: N/A  
SURFACE ELEVATION: N/A  
COMMENTS:

PAGE 2 OF 2

| Lithologic Description                                   | USCS Symbol | Stratum Depth (feet) | PID Headspace (ppm) | Rec. % | Sample Location | Sample ID | Depth (feet) | Water Level Information |
|--|-------------|----------------------|---------------------|--------|-----------------|-----------|--------------|-------------------------|
| CL: SILTY CLAY, very hard and dense, dk gray (10 YR 4/1) | CL          | 32.0                 |                     |        |                 |           | 25.0         |                         |
| End of boring @ 36'                                      |             | 36.0                 |                     |        |                 |           | 30.0         |                         |



MUNDELL & ASSOCIATES, INC.  
BORING LOG

BORING NO: MMW-P-9D

CLIENT: AIMCO  
PROJECT LOCATION: Indianapolis, Indiana  
PROJECT NAME: Michigan Meadows  
PROJECT NO: M01046  
DRILLING CONTRACTOR: Midway Services, Inc.  
DRILLER: Mark Hicks  
BORING LOCATION: NW corner of intersection of Olin Ave. and Cossell Rd.  
FIELD GEOLOGIST: April Nelson & Megan Hill  
NOTES:

DATE BEGAN: 5/31/07  
DATE FINISHED: 5/31/07  
DRILLING METHOD: Direct Push / HSA  
DRILL EQUIP: Geoprobe 5400 / BK 51 HD  
GW DEPTH (OBSERVED): 20'  
DEPTH OF BORING: 45'  
TOP OF CASING ELEVATION: N/A  
SURFACE ELEVATION: N/A  
COMMENTS:

PAGE 1 OF 3

| Lithologic Description   | USCS Symbol | Stratum Depth (feet) | PID Headspace (ppm) | Rec. % | Sample Location | Sample ID | Depth (feet) | Water Level Information |
|--|-------------|----------------------|---------------------|--------|-----------------|-----------|--------------|-------------------------|
| TOPSOIL: with Grass and roots, very dk grayish-brown (10 YR 3/2)   |             |                      | 0.1                 | 55%    |                 |           | 0.0          |                         |
| CL: SILTY CLAY with trace gravel, dry, dark brown (10 YR 3/3)  | CL          | 3.0                  | 3.1                 |        |                 |           | 5.0          |                         |
| SW: FINE TO MEDIUM SAND with trace gravel, slightly moist, brown (10 YR 4/3)   | SW          | 7.0                  | 2.5                 | 40%    |                 |           | 10.0         |                         |
| SW: COURSE SAND with gravel, slightly moist, brown (10 YR 4/3)   | SW          | 11.0                 | 2.7                 | 75%    |                 |           | 15.0         |                         |
| SW: FINE TO MEDIUM SAND with trace silt and gravel, slightly moist, brown (10 YR 4/3)<br><br>- 1" very wet sand, almost greasy @ 15' | SW          | 15.0                 | 5.5                 | 60%    |                 |           | 20.0         |                         |
| SW: COURSE SAND with trace silt and gravel, slightly moist, no odor<br><br>- 3" orange color (7.5 YR 4/6) @ 18.25'                   | SW          | 18.0                 | 0.1                 | NR     |                 |           |              |                         |
| SW: VERY COARSE SAND with gravel, wet, brown (10 YR 4/3)   | SSA         | 20.0                 | 0.1                 | 60%    |                 |           |              |                         |



MUNDELL & ASSOCIATES, INC.  
BORING LOG

BORING NO: MMW-P-9D

CLIENT: AIMCO  
PROJECT LOCATION: Indianapolis, Indiana  
PROJECT NAME: Michigan Meadows  
PROJECT NO: M01046  
DRILLING CONTRACTOR: Midway Services, Inc.  
DRILLER: Mark Hicks  
BORING LOCATION: NW corner of intersection of Olin Ave. and Cossell Rd.  
FIELD GEOLOGIST: April Nelson & Megan Hill  
NOTES:

DATE BEGAN: 5/31/07  
DATE FINISHED: 5/31/07  
DRILLING METHOD: Direct Push / HSA  
DRILL EQUIP: Geoprobe 5400 / BK 51 HD  
GW DEPTH (OBSERVED): 20'  
DEPTH OF BORING: 45'  
TOP OF CASING ELEVATION: N/A  
SURFACE ELEVATION: N/A  
COMMENTS:

PAGE 2 OF 3

| Lithologic Description   | USCS Symbol | Stratum Depth (feet) | PID Headspace (ppm) | Rec. % | Sample Location | Sample ID | Depth (feet) | Water Level Information |
|--|-------------|----------------------|---------------------|--------|-----------------|-----------|--------------|-------------------------|
| SW: MEDIUM TO COARSE SAND, with gravel, wet, dark gray (10 YR 4/1) | SW          | 23.0                 | 0.1                 |        |                 |           |              |                         |
| - Blind drilled  |             | 24.0                 |                     |        |                 |           | 25.0         |                         |
|  |             |                      |                     |        |                 |           | 30.0         |                         |
|  |             |                      |                     |        |                 |           | 35.0         |                         |
|  |             |                      |                     |        |                 |           | 40.0         |                         |
| End of boring @ 45'  |             | 45.0                 |                     |        |                 |           | 45.0         |                         |



**MUNDELL & ASSOCIATES, INC.**  
**BORING LOG**

**BORING NO: MMW-P-9D**

**CLIENT:** AIMCO  
**PROJECT LOCATION:** Indianapolis, Indiana  
**PROJECT NAME:** Michigan Meadows  
**PROJECT NO:** M01046  
**DRILLING CONTRACTOR:** Midway Services, Inc.  
**DRILLER:** Mark Hicks  
**BORING LOCATION:** NW corner of intersection of  
**FIELD GEOLOGIST:** April Nelson & Megan Hill  
**NOTES:**

**DATE BEGAN:** 5/31/07  
**DATE FINISHED:** 5/31/07  
**DRILLING METHOD:** Direct Push / HSA  
**DRILL EQUIP:** Geoprobe 5400 / BK 51 HD  
**GW DEPTH (OBSERVED):** 20'  
**DEPTH OF BORING:** 45'  
**TOP OF CASING ELEVATION:** N/A  
**SURFACE ELEVATION:** N/A  
**COMMENTS:**

PAGE 3 OF 3



**MUNDELL & ASSOCIATES, INC.  
BORING LOG**

**BORING NO: MMW-P-10D**

**CLIENT:** AIMCO  
**PROJECT LOCATION:** Indianapolis, Indiana  
**PROJECT NAME:** Michigan Meadows  
**PROJECT NO:** M01046  
**DRILLING CONTRACTOR:** Midway Services, Inc.  
**DRILLER:** Mark Hicks / J.R. Todish  
**BORING LOCATION:** E side of plaza parking lot, S of MMW-P-08  
**FIELD GEOLOGIST:** April Nelson & Leena Lothe  
**NOTES:**

**DATE BEGAN:** 6/1/07  
**DATE FINISHED:** 6/1/07  
**DRILLING METHOD:** Direct Push / HSA  
**DRILL EQUIP:** Geoprobe 5400 / BK 51 HD  
**GW DEPTH (OBSERVED):** 18.5'  
**DEPTH OF BORING:** 37.5'  
**TOP OF CASING ELEVATION:** N/A  
**SURFACE ELEVATION:** N/A  
**COMMENTS:**

PAGE 1 OF 2



**MUNDELL & ASSOCIATES, INC.  
BORING LOG**

**BORING NO: MMW-P-10D**

**CLIENT:** AIMCO  
**PROJECT LOCATION:** Indianapolis, Indiana  
**PROJECT NAME:** Michigan Meadows  
**PROJECT NO:** M01046  
**DRILLING CONTRACTOR:** Midway Services, Inc.  
**DRILLER:** Mark Hicks / J.R. Todish  
**BORING LOCATION:** E side of plaza parking lot, S of MMW-P-08  
**FIELD GEOLOGIST:** April Nelson & Leena Lothe  
**NOTES:**

**DATE BEGAN:** 6/1/07  
**DATE FINISHED:** 6/1/07  
**DRILLING METHOD:** Direct Push / HSA  
**DRILL EQUIP:** Geoprobe 5400 / BK 51 HD  
**GW DEPTH (OBSERVED):** 18.5'  
**DEPTH OF BORING:** 37.5'  
**TOP OF CASING ELEVATION:** N/A  
**SURFACE ELEVATION:** N/A  
**COMMENTS:**

PAGE 2 OF 2



# MUNDELL & ASSOCIATES, INC.

## BORING LOG

BORING NO: MMW-P-10S

**CLIENT:** AIMCO  
**PROJECT LOCATION:** Indianapolis, Indiana  
**PROJECT NAME:** Michigan Meadows  
**PROJECT NO:** M01046  
**DRILLING CONTRACTOR:** Midway Services, Inc.  
**DRILLER:** Mark Hicks / J.R. Todish  
**BORING LOCATION:** E side of plaza parking lot, S of MMW-P-08  
**FIELD GEOLOGIST:** April Nelson & Megan Hill  
**NOTES:**

**DATE BEGAN:** 5/31/07

PAGE 1 OF 2

**DATE FINISHED:** 6/1/07

**DRILLING METHOD:** Direct Push / HSA

**DRILL EQUIP:** Geoprobe 5400 / BK 51 HD

**GW DEPTH (OBSERVED):** 18.5'

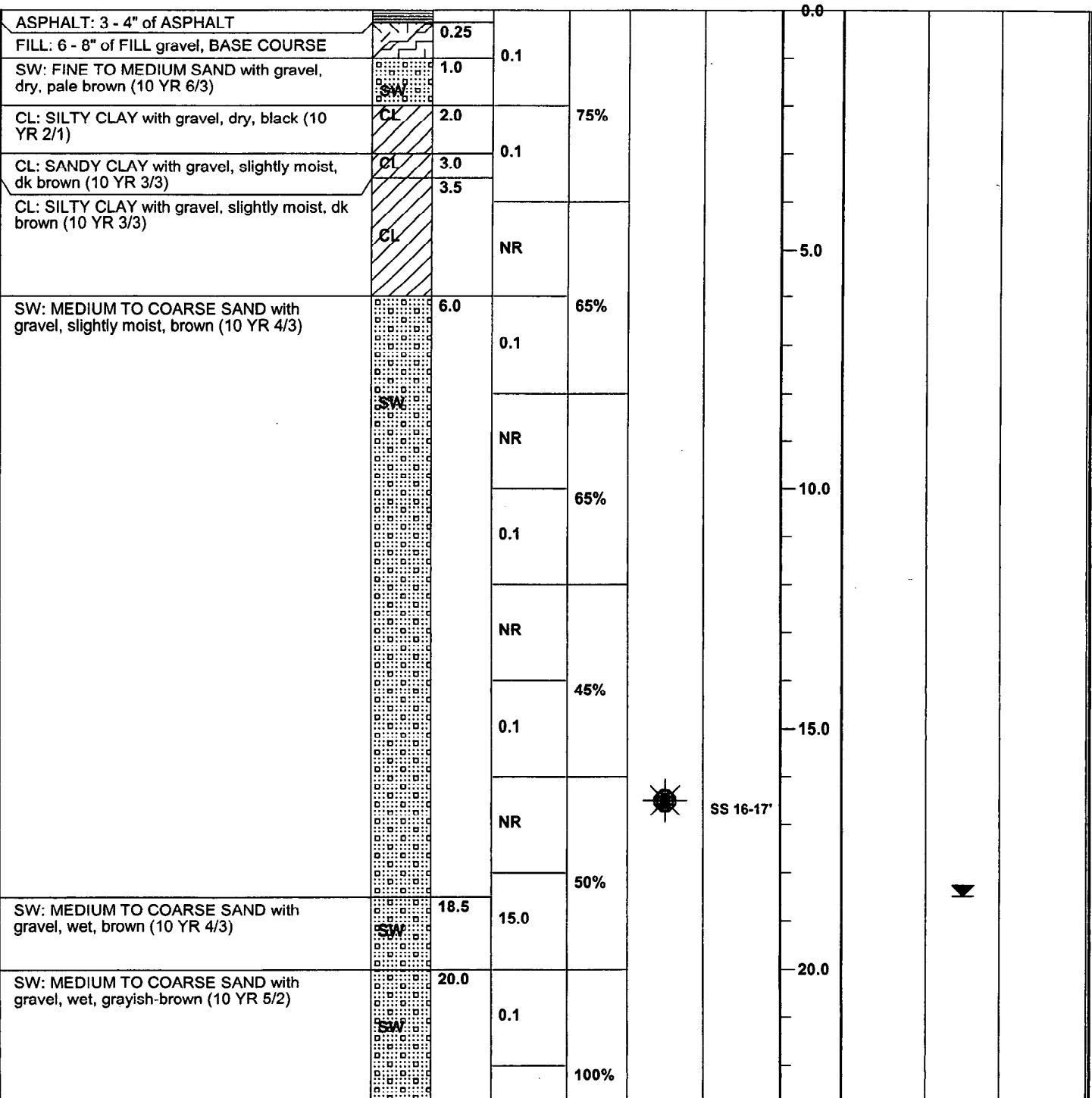
**DEPTH OF BORING:** 28'

**TOP OF CASING ELEVATION:** N/A

**SURFACE ELEVATION:** N/A

**COMMENTS:**

| Lithologic Description | USCS Symbol | Stratum Depth (feet) | PID Headspace (ppm) | Rec. % | Sample Location | Sample ID | Depth (feet) | Water Level Information |
|------------------------|-------------|----------------------|---------------------|--------|-----------------|-----------|--------------|-------------------------|
|------------------------|-------------|----------------------|---------------------|--------|-----------------|-----------|--------------|-------------------------|





# MUNDELL & ASSOCIATES, INC.

## BORING LOG

BORING NO: MMW-P-10S

**CLIENT:** AIMCO  
**PROJECT LOCATION:** Indianapolis, Indiana  
**PROJECT NAME:** Michigan Meadows  
**PROJECT NO:** M01046  
**DRILLING CONTRACTOR:** Midway Services, Inc.  
**DRILLER:** Mark Hicks / J.R. Todish  
**BORING LOCATION:** E side of plaza parking lot, S of MMW-P-08  
**FIELD GEOLOGIST:** April Nelson & Megan Hill  
**NOTES:**

**DATE BEGAN:** 5/31/07

PAGE 2 OF 2

**DATE FINISHED:** 6/1/07

**DRILLING METHOD:** Direct Push / HSA

**DRILL EQUIP:** Geoprobe 5400 / BK 51 HD

**GW DEPTH (OBSERVED):** 18.5'

**DEPTH OF BORING:** 28'

**TOP OF CASING ELEVATION:** N/A

**SURFACE ELEVATION:** N/A

**COMMENTS:**

| Lithologic Description                                  | USCS Symbol | Stratum Depth (feet) | PID Headspace (ppm) | Rec. % | Sample Location | Sample ID | Depth (feet) | Water Level Information |
|---|-------------|----------------------|---------------------|--------|-----------------|-----------|--------------|-------------------------|
| SP: FINE TO MEDIUM SAND, wet, grayish-brown (10 YR 5/2) | SP          | 23.0                 | 0.1                 |        |                 |           |              |                         |
| - Blind drilled   |             | 24.0                 |                     |        |                 |           | 25.0         |                         |
| End of boring @ 28'                                     |             | 28.0                 |                     |        |                 |           | 30.0         |                         |



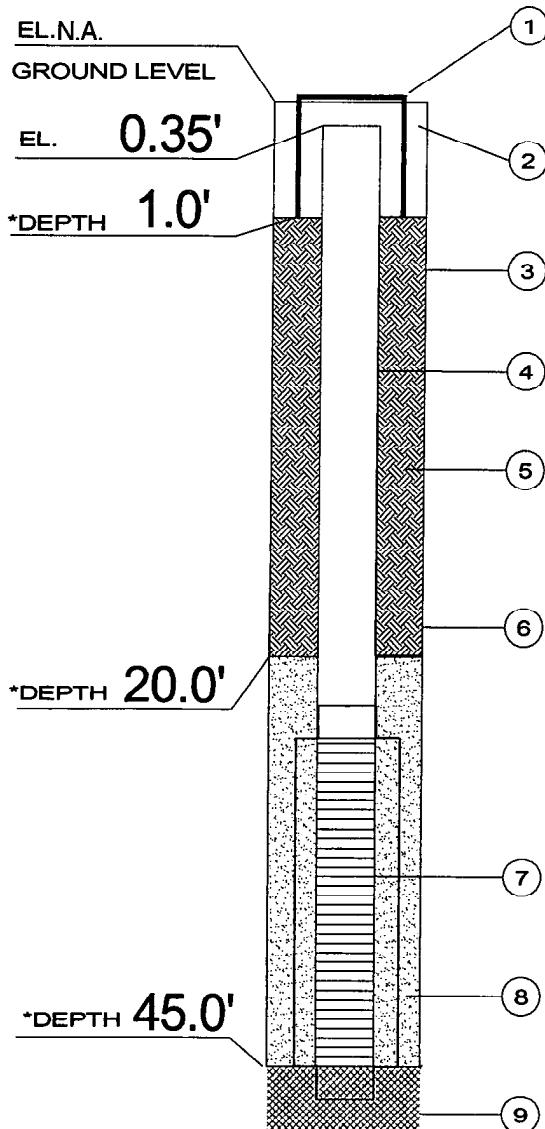
## **APPENDIX C**

### **MONITORING WELL CONSTRUCTION DIAGRAMS**



# WELL CONSTRUCTION DIAGRAM

WELL NO. MMW-P-9D



\*DEPTH IN FEET BELOW GROUND LEVEL

GEOLOGIST/FIELD SCIENTIST  
April Nelson

1. PROTECTIVE CASING I.D. 8 inches

2. SURFACE SEAL TYPE Concrete

3. BOREHOLE DIAMETER 8.25 INCHES

4. RISER PIPE:

a. Type PVC

b. I.D. 2.0 INCHES

c. Length 35 FEET

d. Joint Type Flush Threaded

5. BACKFILL:

a. Type Bentonite chips

b. Installation Poured

6. TYPE OF SEAL Bentonite chips

7. SCREEN:

a. Type PVC

b. I.D. 2.0 inner INCHES

c. Slot Size 0.01 INCHES

d. Length 10.0 FEET

8. SCREEN FILTER TYPE #4 Sand

9. BACKFILL TYPE Natural Cave (Sand)

DATE COMPLETED 5/31/07

DEVELOPMENT METHOD Well Pump

DRILLING CONTRACTOR Midway Services, Inc

DRILLER Mark Hicks/JR Todish

RIG TYPE Geoprobe 5410

BIC51 Heavy Duty

## WELL CONSTRUCTION DIAGRAM

Michigan Meadows Apartments  
3800 West Michigan Street  
Indianapolis, Indiana

|                 |                     |              |
|-----------------|---------------------|--------------|
| Project Number: | <u>M01046</u>       |              |
| Drawing File:   | <u>MMW-P-9D.skf</u> |              |
| Date Prepared:  | <u>7/4/07</u>       |              |
| Scale:          | Not to Scale        |              |
| Dra. By:        | Ckd. By:            | Approved By: |
| <u>AV</u>       |                     |              |

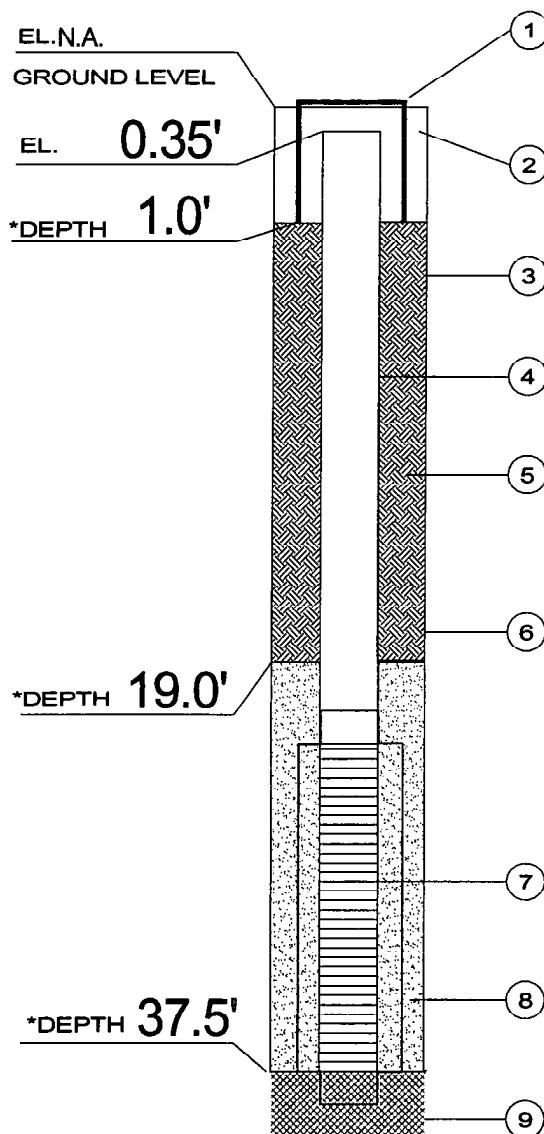
MUNDELL  
& ASSOCIATES, INC.

429 East Vermont Street, Suite 200  
Indianapolis, Indiana 46202-3688



# WELL CONSTRUCTION DIAGRAM

WELL NO. MMW-P-10



\*DEPTH IN FEET BELOW GROUND LEVEL

GEOLOGIST/FIELD SCIENTIST  
April Nelson

DATE COMPLETED 6/1/07

DEVELOPMENT METHOD Well Pump

DRILLING CONTRACTOR Midway Services, Inc

DRILLER \_\_\_\_\_  
RIG TYPE Geoprobe 5410  
BIC51 Heavy Duty

## WELL CONSTRUCTION DIAGRAM

Michigan Meadows Apartments  
3800 West Michigan Street  
Indianapolis, Indiana

|                 |                          |
|-----------------|--------------------------|
| Project Number: | M01046                   |
| Drawing File:   | MMW-P-10.skf             |
| Date Prepared:  | 7/4/07                   |
| Scale:          | Not to Scale             |
| Dm. By:<br>AV   | Ckd. By:<br>Approved By: |

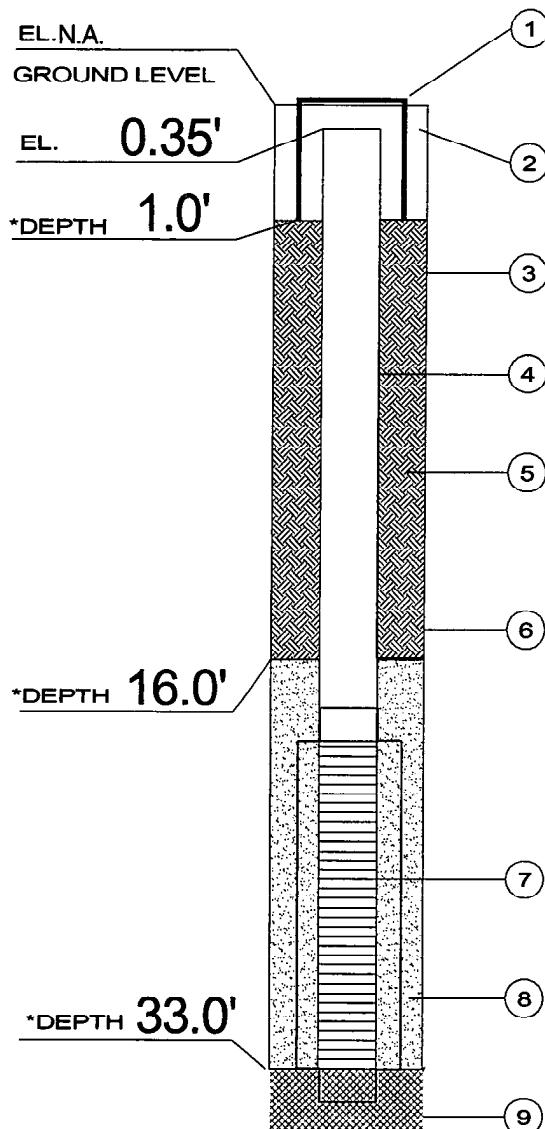
MUNDELL  
& ASSOCIATES, INC.

429 East Vermont Street, Suite 200  
Indianapolis, Indiana 46202-3688



# WELL CONSTRUCTION DIAGRAM

WELL NO. MMW-11S



\*DEPTH IN FEET BELOW GROUND LEVEL

GEOLOGIST/FIELD SCIENTIST  
April Nelson

1. PROTECTIVE CASING I.D. 8 inches
2. SURFACE SEAL TYPE Concrete
3. BOREHOLE DIAMETER 8.25 INCHES
4. RISER PIPE:
  - a. Type PVC
  - b. I.D. 2.0 INCHES
  - c. Length 23 FEET
  - d. Joint Type Flush Threaded
5. BACKFILL:
  - a. Type Bentonite chips
  - b. Installation Poured
6. TYPE OF SEAL Bentonite chips
7. SCREEN:
  - a. Type PVC
  - b. I.D. 2.0 inner INCHES
  - c. Slot Size 0.01 INCHES
  - d. Length 10.0 FEET
8. SCREEN FILTER TYPE #4 Sand
9. BACKFILL TYPE Natural Cave (Sand)

DATE COMPLETED 5/31/07

DEVELOPMENT METHOD Well Pump

DRILLING CONTRACTOR Midway Services, Inc

DRILLER \_\_\_\_\_  
RIG TYPE Geoprobe 5410  
BIC51 Heavy Duty

## WELL CONSTRUCTION DIAGRAM

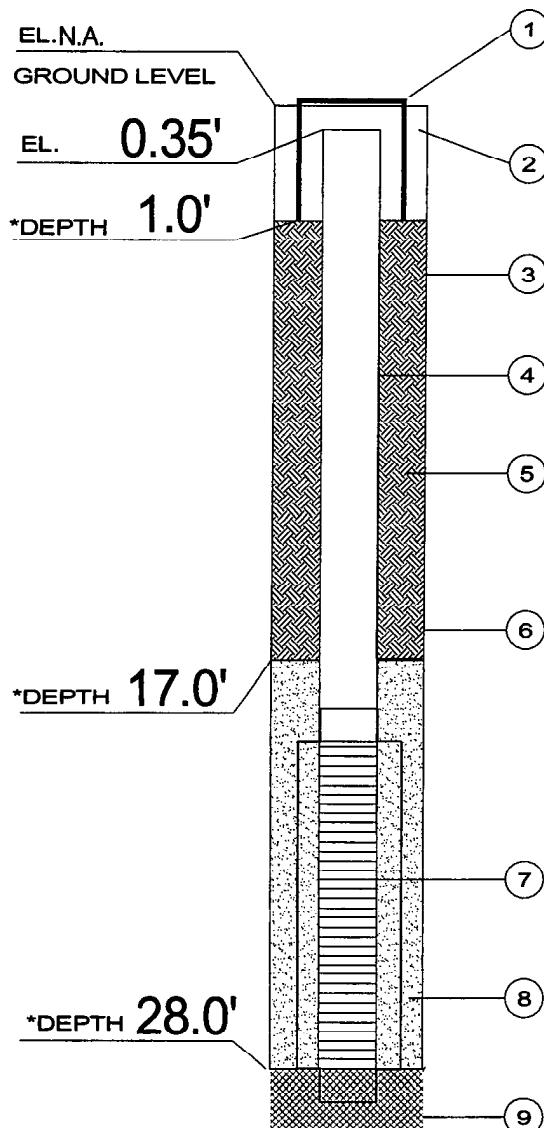
Michigan Meadows Apartments  
3800 West Michigan Street  
Indianapolis, Indiana

|                      |                     |              |   |  |
|----------------------|---------------------|--------------|---|--|
| Project Number:      | <u>M01046</u>       |              | MUNDELL<br>& ASSOCIATES, INC.<br>429 East Vermont Street, Suite 200<br>Indianapolis, Indiana 46202-3688 |  |
| Drawing File:        | <u>MMW-11S.skf</u>  |              |   |  |
| Date Prepared:       | <u>7/4/07</u>       |              |   |  |
| Scale:               | <u>Not to Scale</u> |              |   |  |
| Dm. By:<br><u>AV</u> | Ckd. By:            | Approved By: |   |  |



# WELL CONSTRUCTION DIAGRAM

WELL NO. MMW-P-10S



\*DEPTH IN FEET BELOW GROUND LEVEL

GEOLOGIST/FIELD SCIENTIST  
April Nelson

1. PROTECTIVE CASING I.D. 8 inches
2. SURFACE SEAL TYPE Concrete
3. BOREHOLE DIAMETER 8.25 inches
4. RISER PIPE:
  - a. Type PVC
  - b. I.D. 2.0 inches
  - c. Length 18 feet
  - d. Joint Type Flush Threaded
5. BACKFILL:
  - a. Type Bentonite chips
  - b. Installation Poured
6. TYPE OF SEAL Bentonite chips
7. SCREEN:
  - a. Type PVC
  - b. I.D. 2.0 inner inches
  - c. Slot Size 0.01 inches
  - d. Length 10.0 feet
8. SCREEN FILTER TYPE #4 Sand
9. BACKFILL TYPE Natural Cave (Sand)

DATE COMPLETED 6/1/07

DEVELOPMENT METHOD Well Pump

DRILLING CONTRACTOR Midway Services, Inc

DRILLER \_\_\_\_\_  
RIG TYPE Geoprobe 5410  
BIC51 Heavy Duty

## WELL CONSTRUCTION DIAGRAM

**Michigan Meadows Apartments**  
**3800 West Michigan Street**  
**Indianapolis, Indiana**

|                 |                      |              |
|-----------------|----------------------|--------------|
| Project Number: | <u>M01046</u>        |              |
| Drawing File:   | <u>MMW-P-10S.skf</u> |              |
| Date Prepared:  | <u>7/4/07</u>        |              |
| Scale:          | <u>Not to Scale</u>  |              |
| Dm. By:         | Ckd. By:             | Approved By: |
| <u>AV</u>       |                      |              |

**MUNDELL**  
**& ASSOCIATES, INC.**

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